

AUDIO / VIDEO STEREO RECEIVER

KR-595/795

SERVICE MANUAL

KENWOOD

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B51-5006-00 (N) 2106

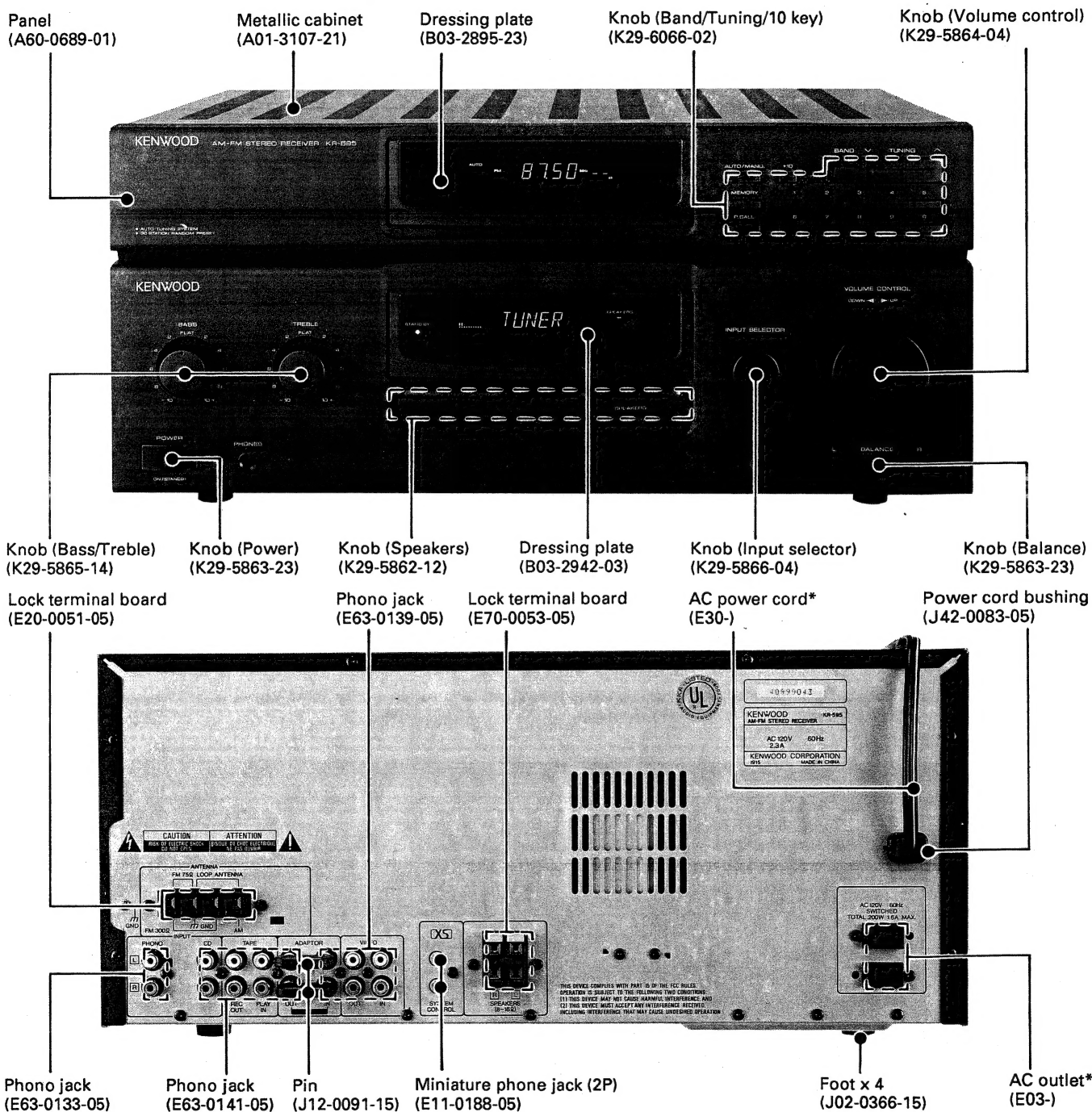


Photo is KR-595.

***Refer to parts list on page 31.**

Refer to KR-594/794 service manual (B51-4844-00), if you want to know more information of **CIRCUIT DESCRIPTION**.

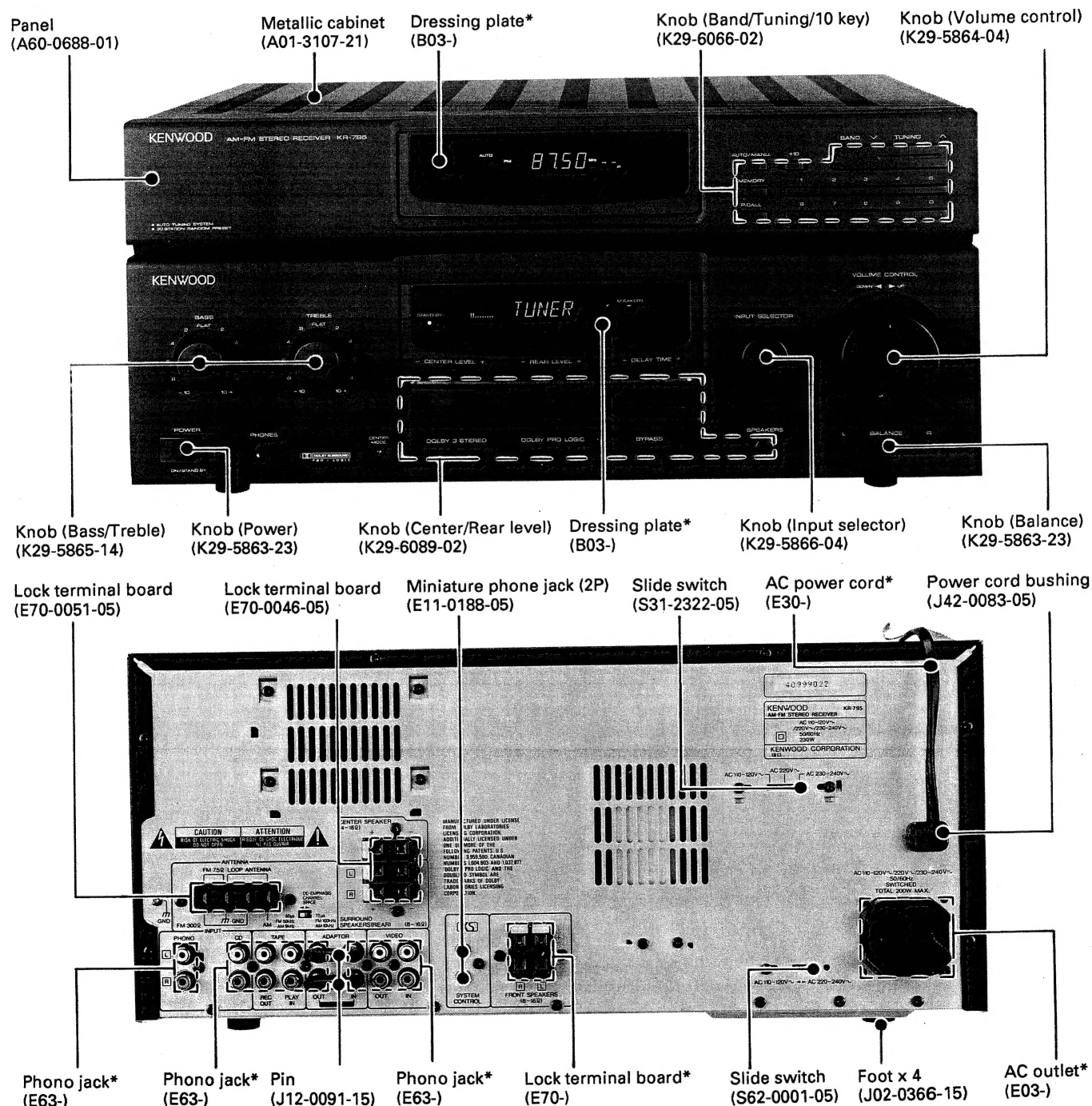
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CONTENTS

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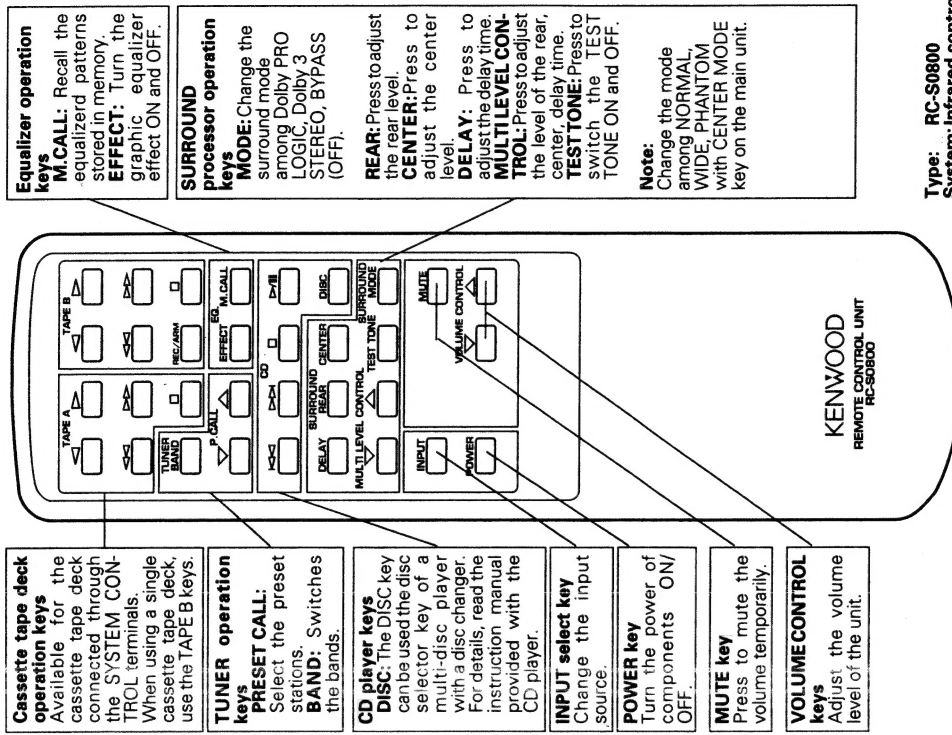
EXTERNAL VIEW : KR-795



*Refer to parts list on page 31.

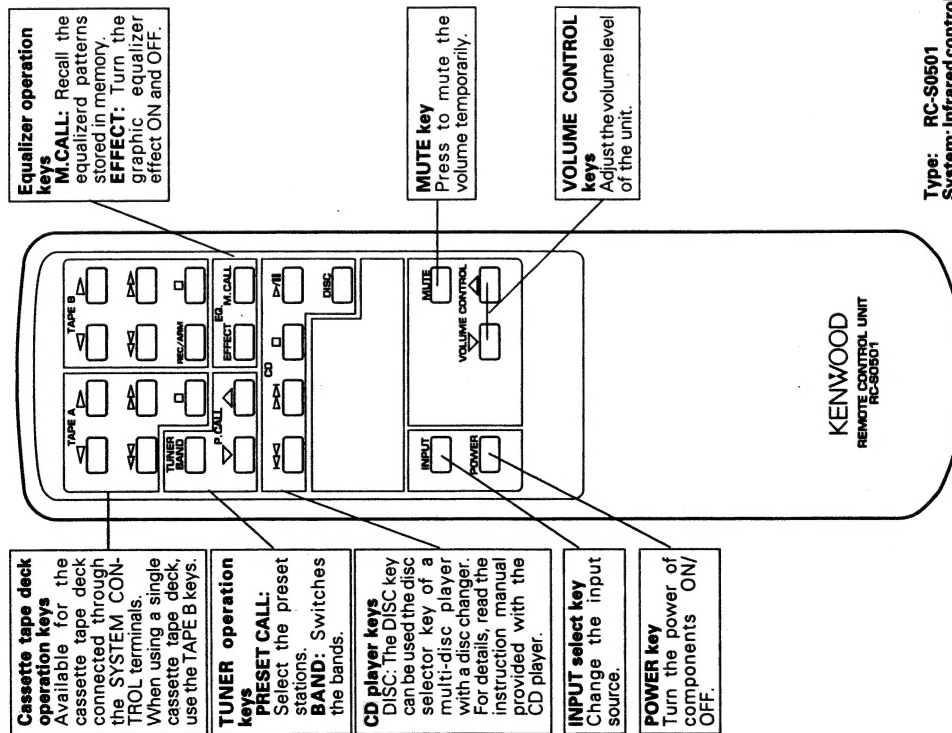
REMOTE CONTROLS OPERATION

KR-795



Type: RC-S0800
System: Infrared control

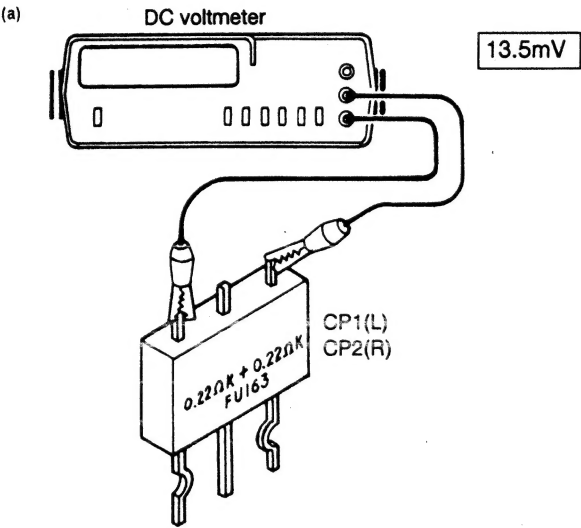
KR-595



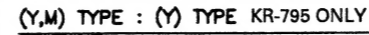
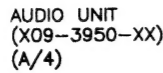
Type: RC-S0501
System: Infrared control

ADJUSTMENT

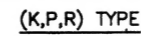
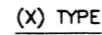
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specified, set the respective switches as follows : POWER : ON SELECTOR : PHONO							
1	IDLE CURRENT	-	Connect a DC voltmeter across CP1(L) CP2(R) (X09-)	Volume:0	VR1 (L) VR 2 (R) (X09-)	13.5mV	(a)



WIRING DIAGRAM



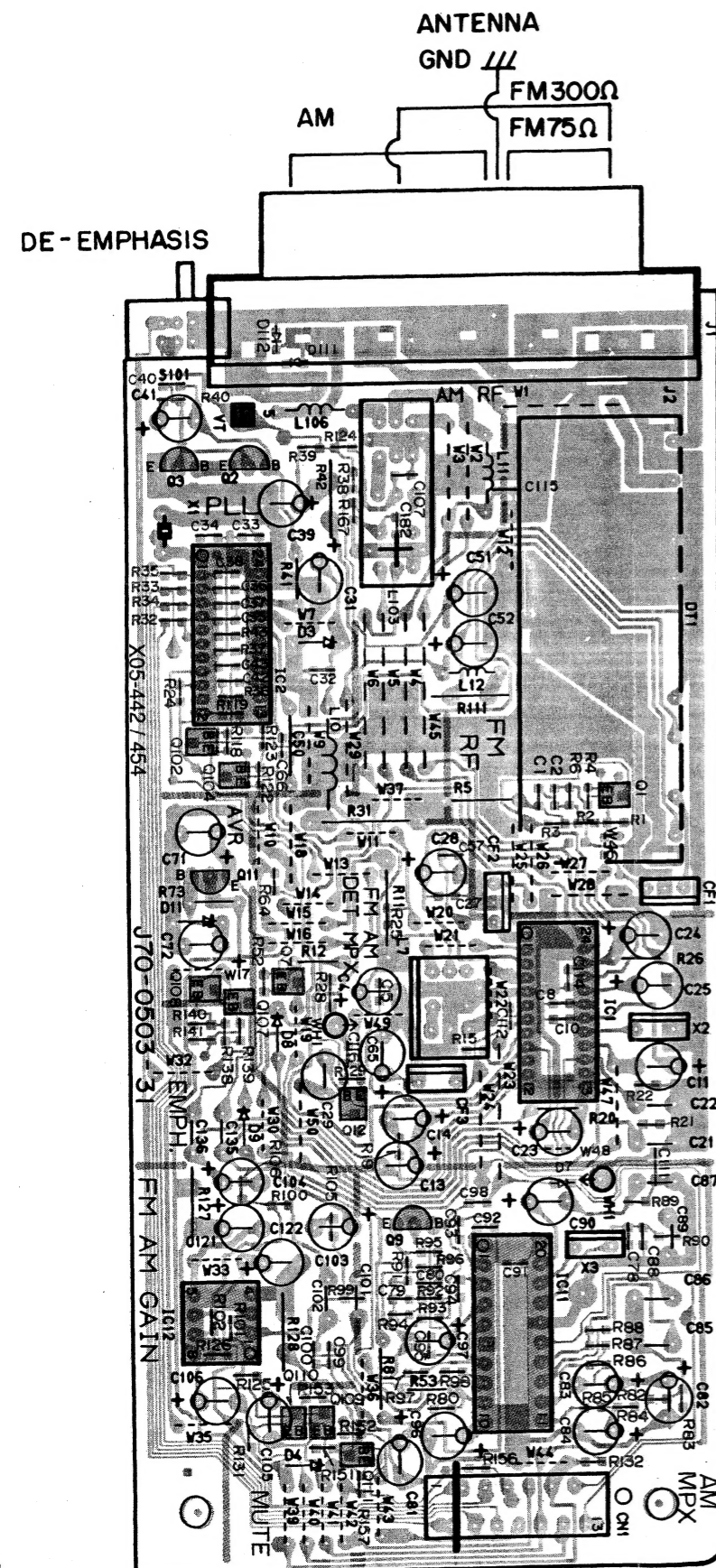
PRODUCT. P.	DESTINATION		UNIT NAME	J1	J2
	COUNTRY	ABB.			
CHINA MADE	GENERAL MARKET	M	X14-3850-21	NO	YES
	PX	Y	X14-3852-91	YES	NO
JAPAN MADE	GENERAL MARKET	M	X14-3850-23	NO	YES



MODEL NAME	PRODUCT P.	DESTINATION		TUNER UNIT	AUDIO UNIT	DISPLAY UNIT	SURROUND UNIT	
		COUNTRY	ABB.					
KR-795	JAPAN MADE	GENERAL MARKET	M	X05-4540-21	X09-3950-23	X14-3850-23	X08-2630-11	
	CHINA MADE	U.S.A.	K	X05-4540-10	X09-3950-10	X14-3850-10	X08-2630-10	
		CANADA	P					
		MEXICO	R	X05-4540-21	X09-3950-21	X14-3850-21		
		GENERAL MARKET	M					
		PX	Y					X14-3850-91
		AUSTRALIA	X					X14-3850-71

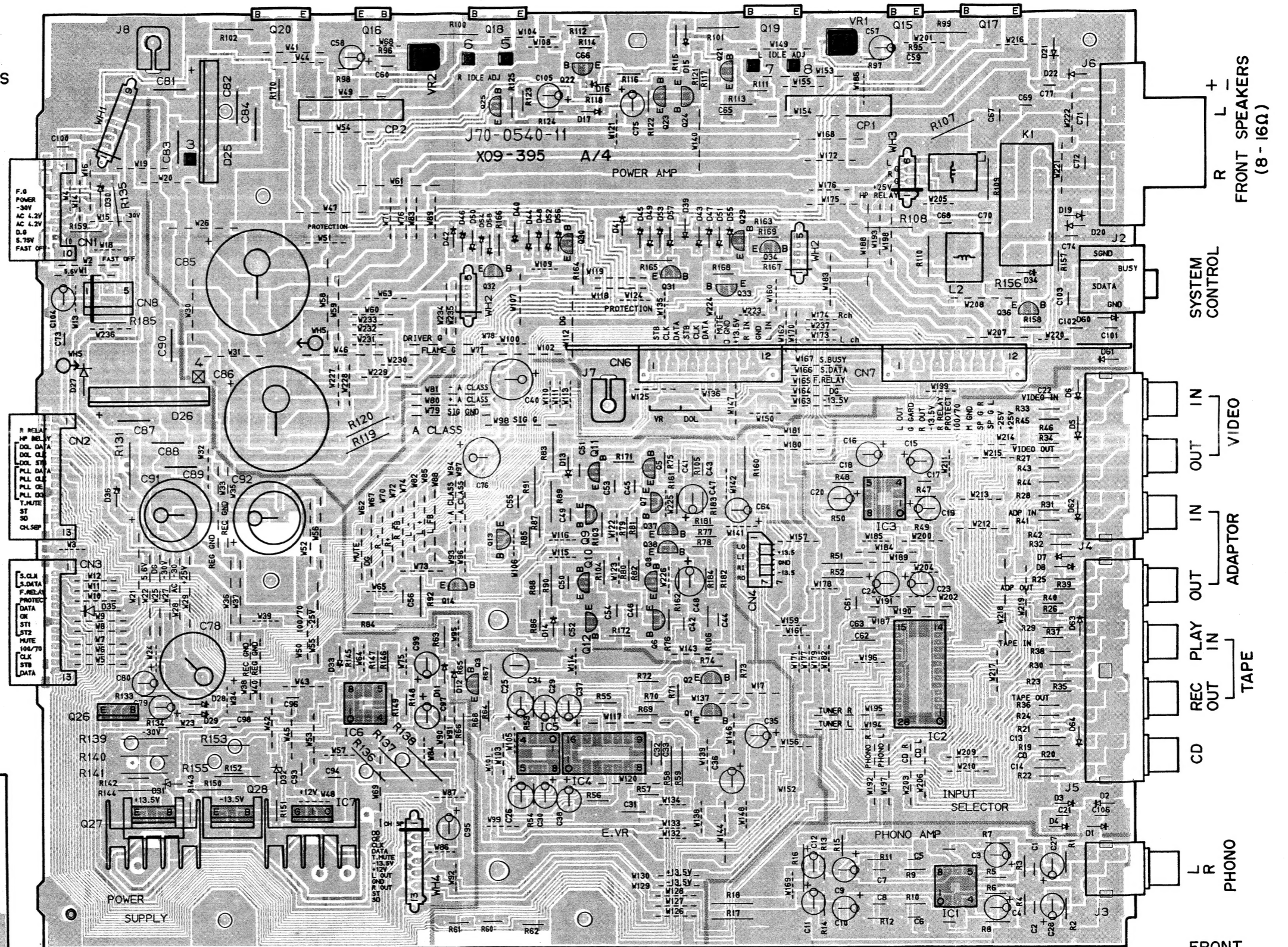
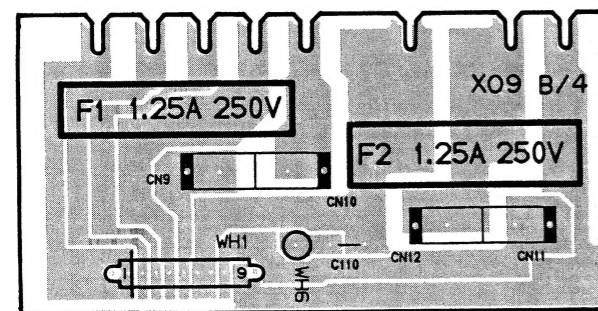
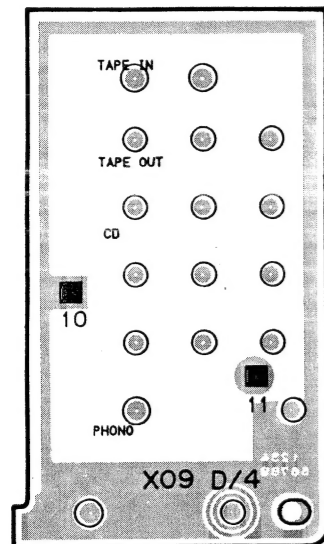
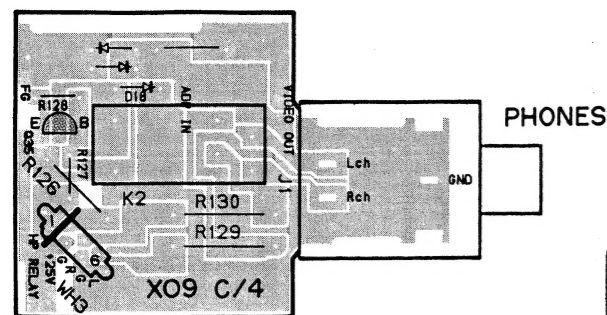
PC BOARD (COMPONENT SIDE VIEW)

TUNER UNIT : X05-4420-XX (JAPAN MADE)
X05-4540-XX (CHINA MADE)



PC BOARD (COMPONENT SIDE VIEW)

AUDIO UNIT : X09-3950-XX

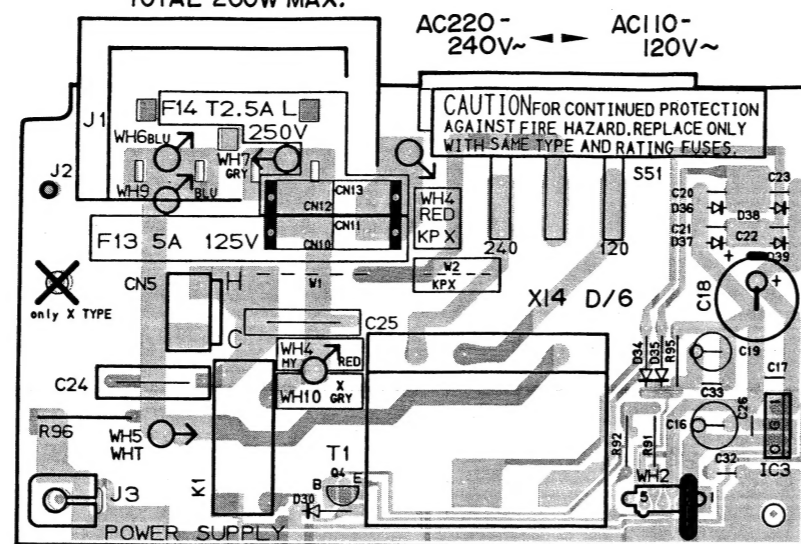
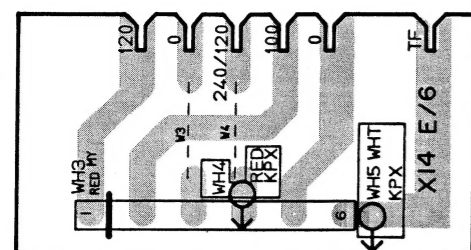


Refer to the schematic diagram for the values of resistors and capacitors.

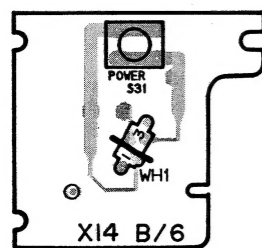
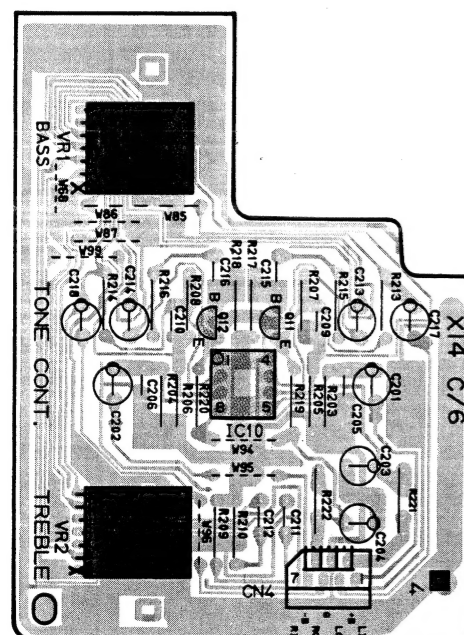
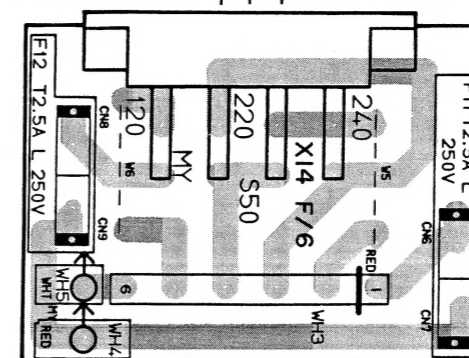
PC BOARD (COMPONENT SIDE VIEW)

DISPLAY UNIT : X14-3850-XX

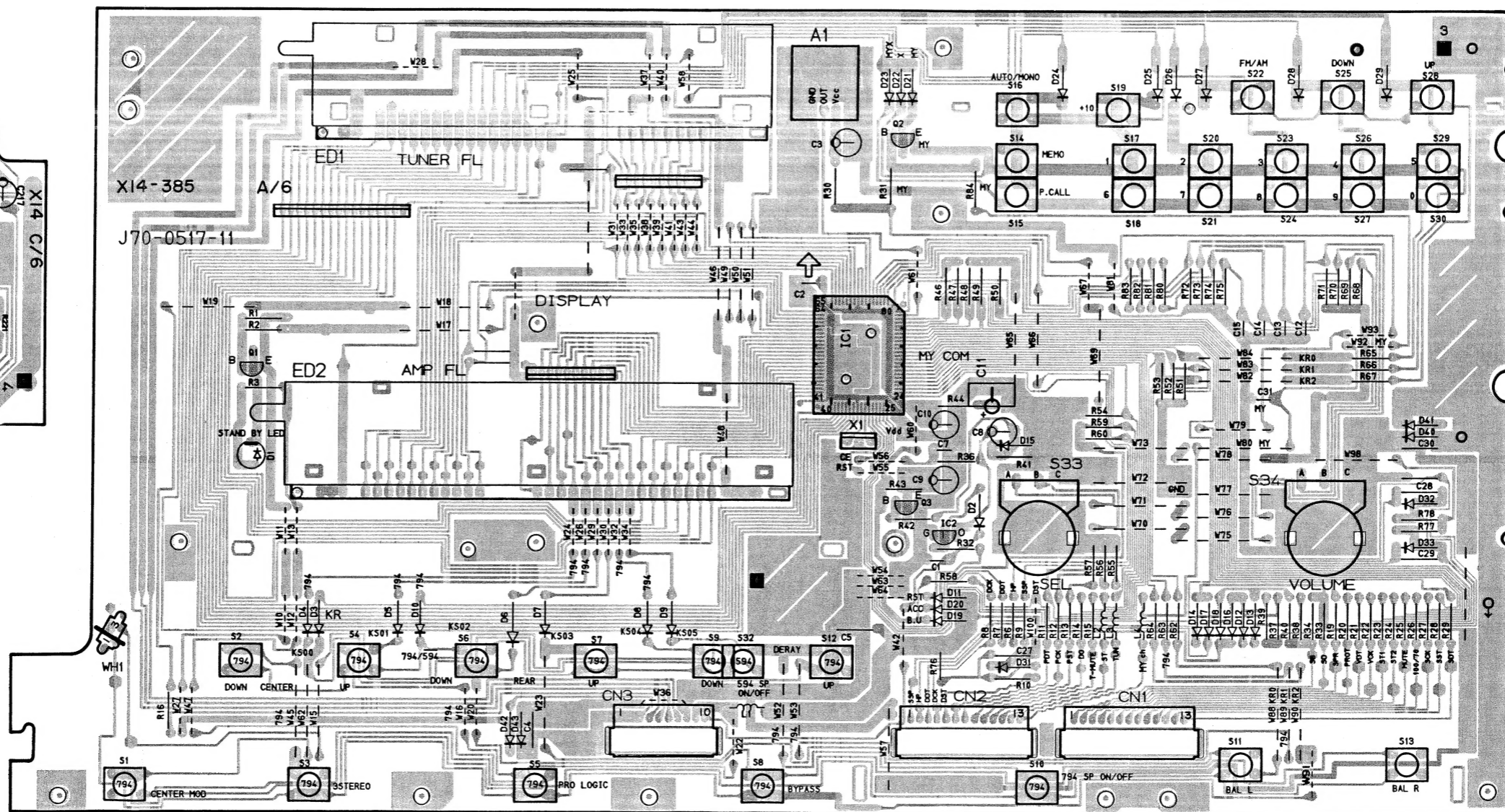
AC110-120V~/220V~/230-240V~
50/60Hz
SWITCHED
TOTAL 200W MAX.



AC220V~
AC230-240V~ | AC110-120V~

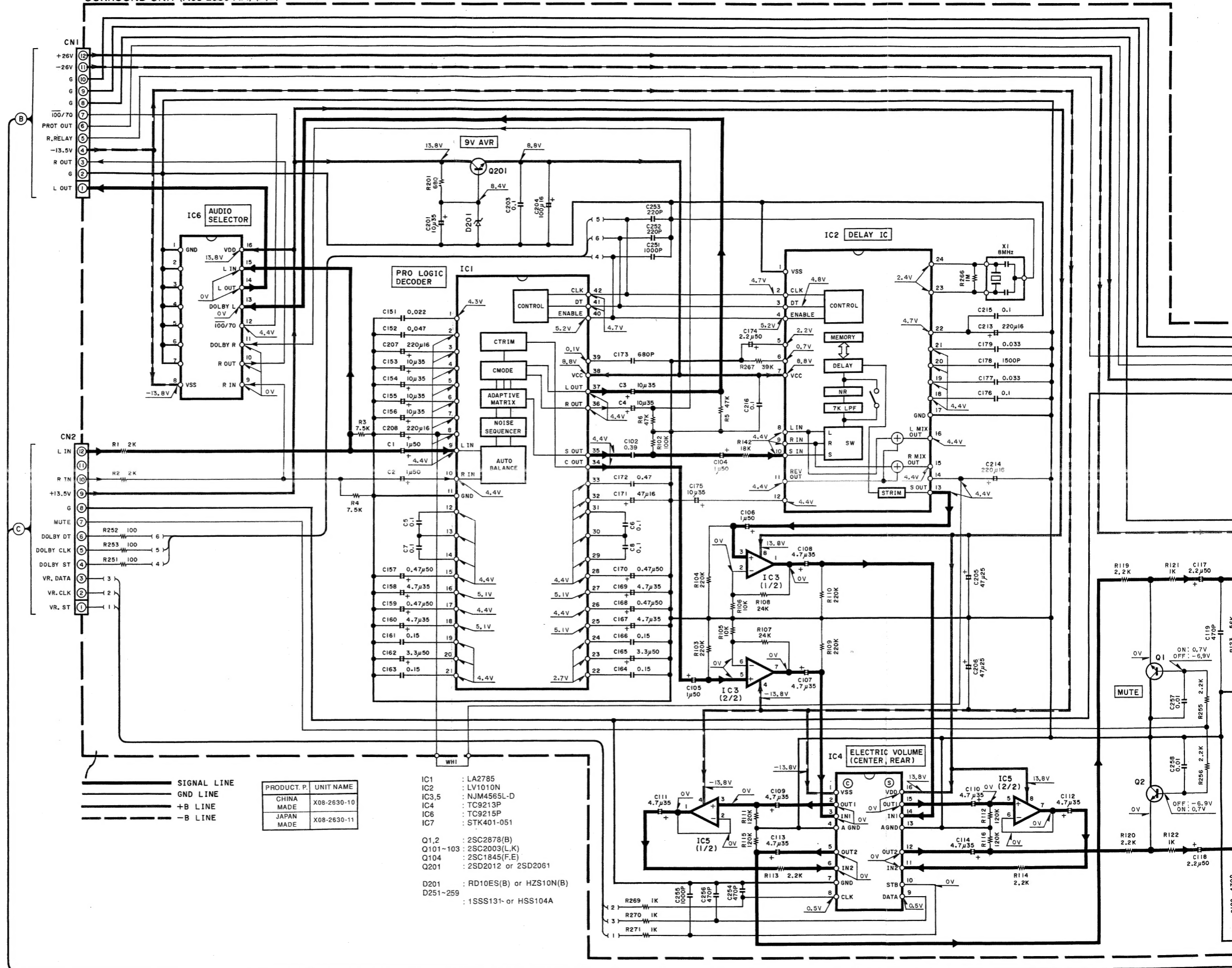


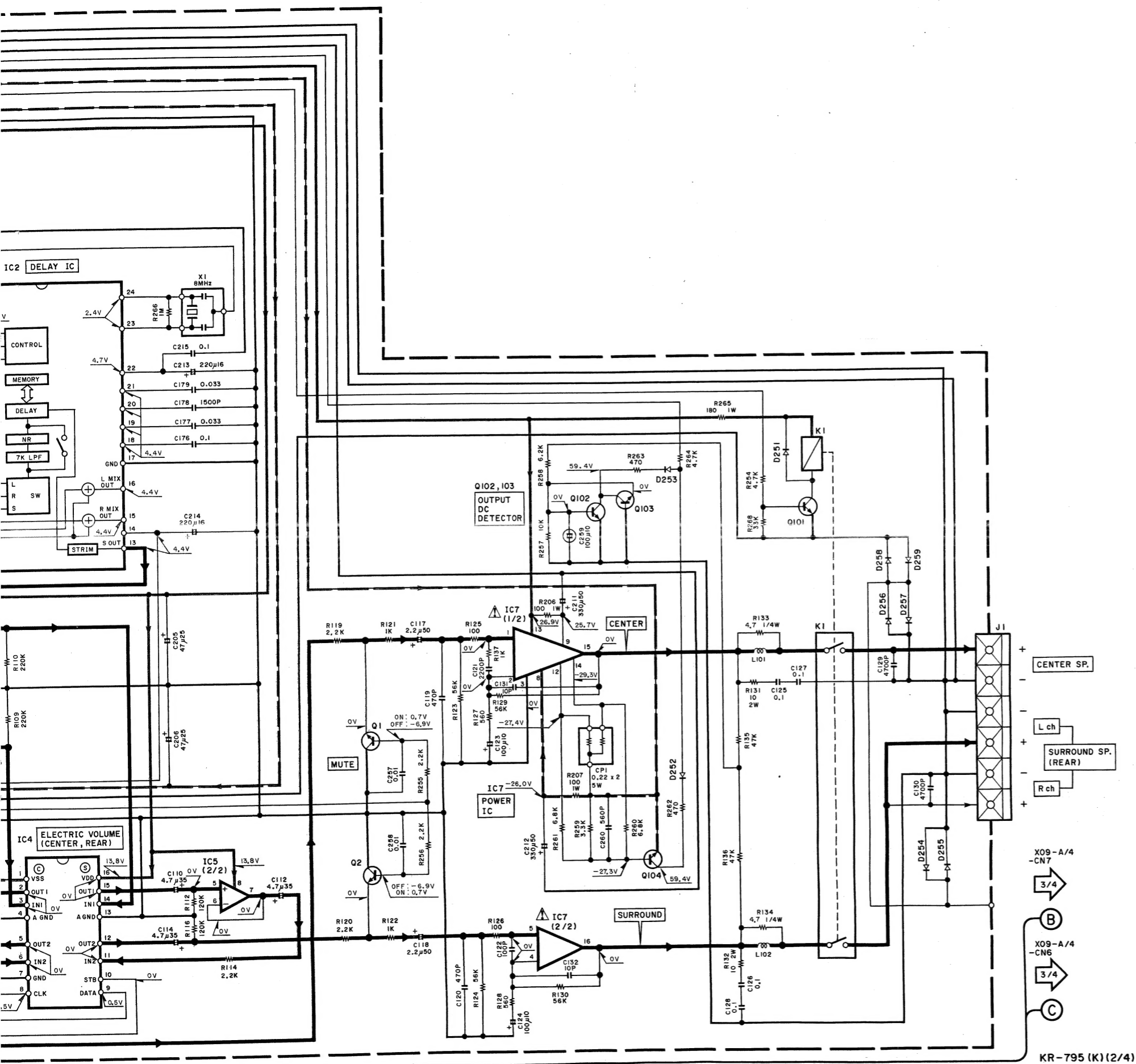
FRONT
↓

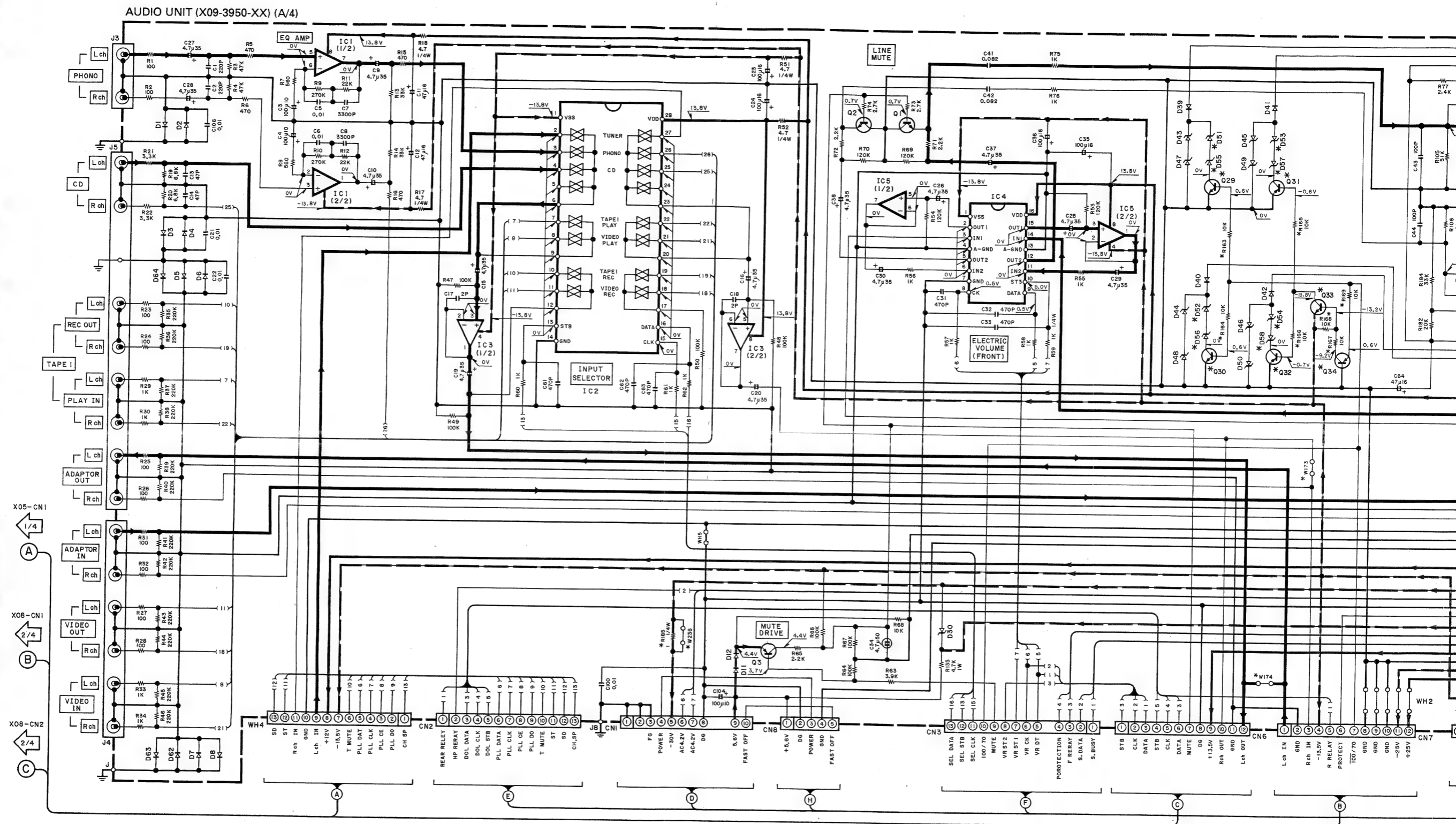


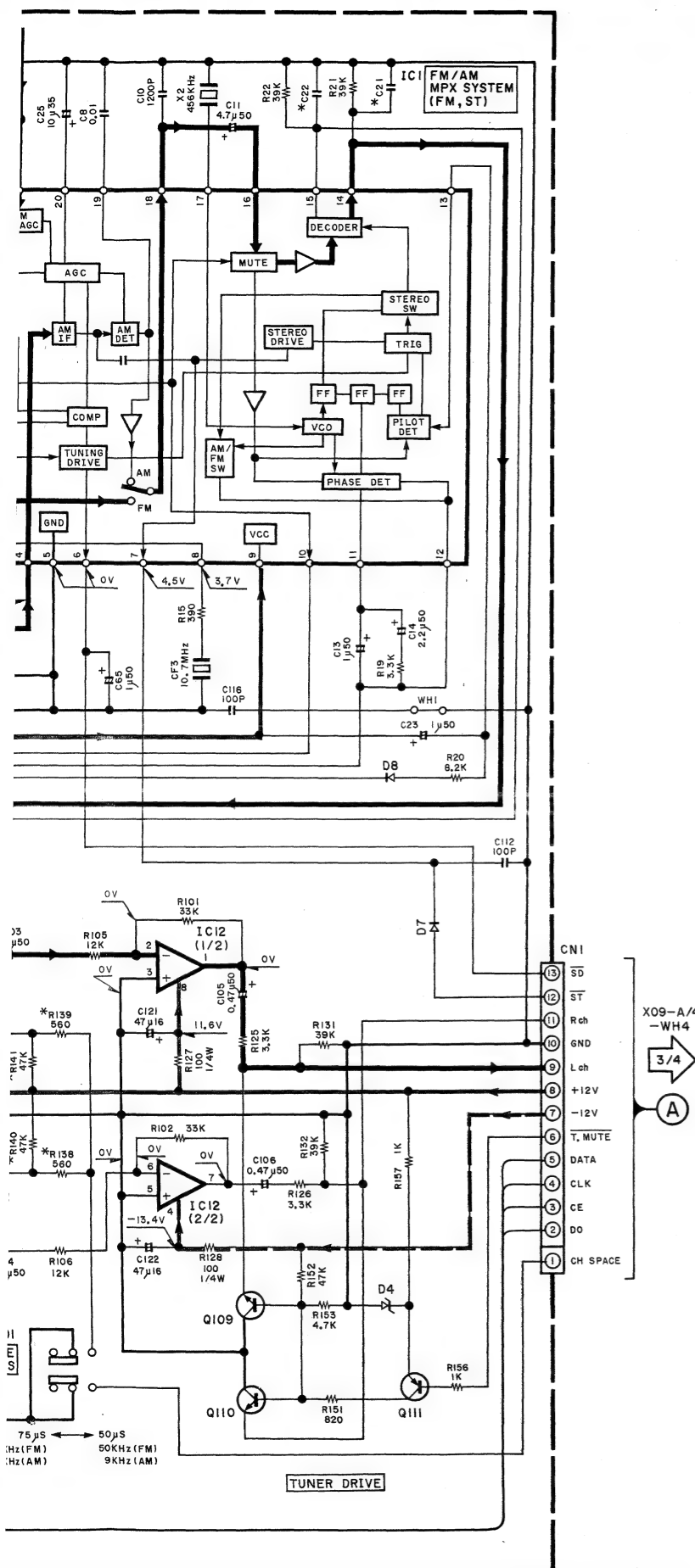
Refer to the schematic diagram for the values of resistors and capacitors.

SURROUND UNIT (X08-2630-XX) (A/2) KR-795 ONLY









KR-595/795 (K)(1/4)

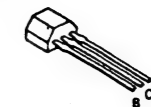
2SA1123 2SC2631
2SA992 2SC2632
2SC1845 2SC2878
2SC2003 2SD863



2SC2785



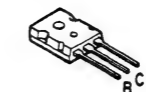
2SA1048
2SC1740S
2SC2458



2SA1037K
2SC2412K
2SC2714



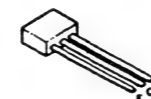
2SB1470BT
2SD2222BT



2SB1370
2SD2061



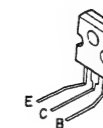
2SA1309A
2SC3311A



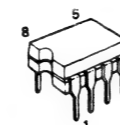
2SB1375
2SD2012



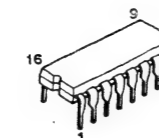
2SC4137F19



NJM4565D
NJM4565D-D



TC9213P
TC9215P



CAUTION:

For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
△ Indicates safety critical components.

To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

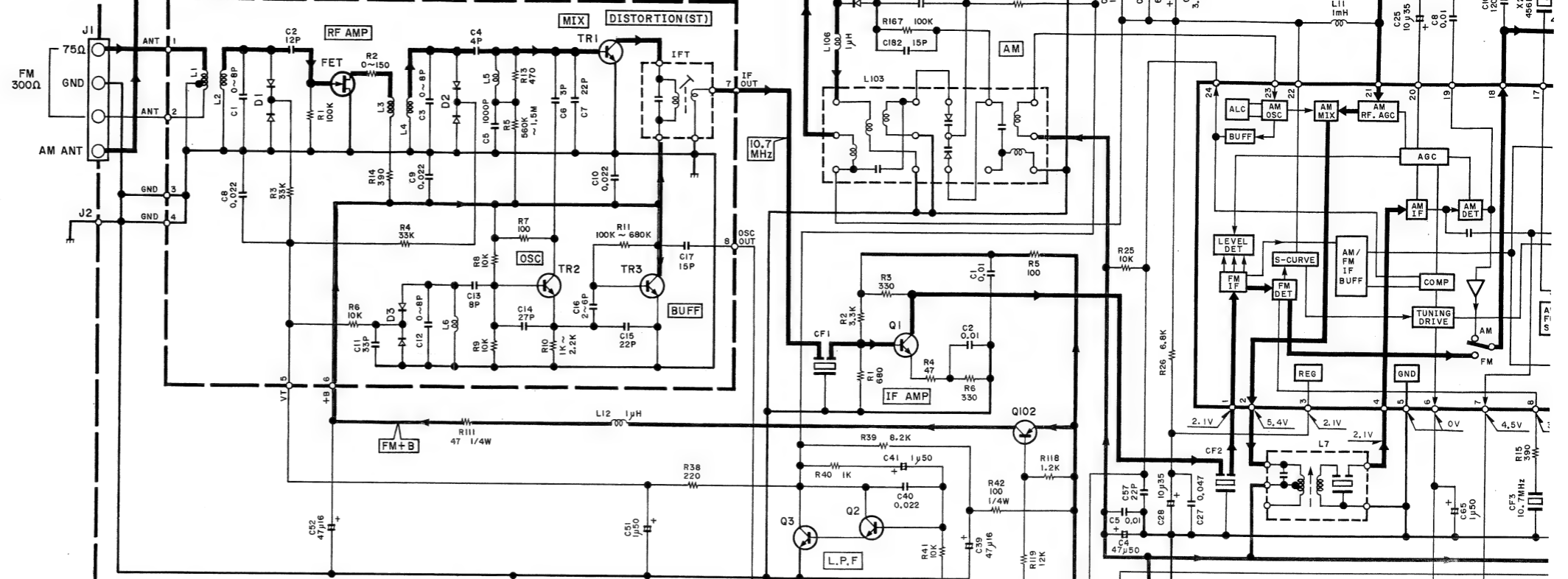
- DC voltages are as measured with a high impedance voltmeter.
Values may vary slightly due to variations between individual instruments and or units.

Y05-2990-10

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TUNER UNIT (X05-4420-XX/X05-4540-XX)

FM FRONT-END DTI(W02-1167-05)

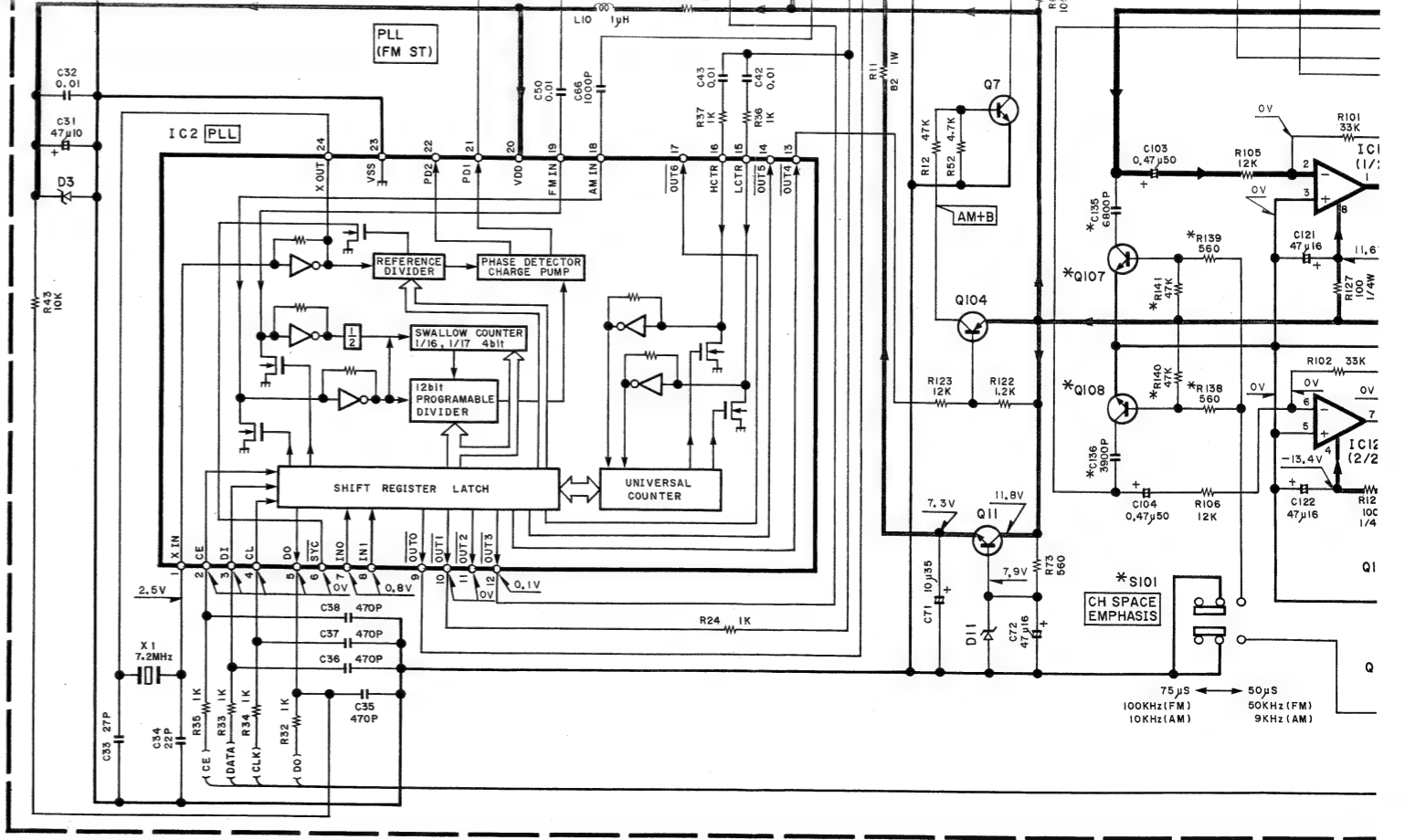


— SIGNAL LINE
— GND LINE
— +B LINE
- - - -B LINE

(M,Y)TYPE : KR-795 ONLY

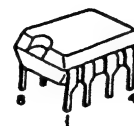
PRODUCT. P.	DESTINATION	UNIT NAME	Q107	S101	R138-141	C21,22	C135
	COUNTRY	ABB.	108				136
CHINA MADE	U.S.A.	K	NO	NO	NO	0.024	NO
	MEXICO	R	NO	NO	NO	0.024	NO
	CANADA	P	NO	NO	NO	0.024	NO
	GENERAL MARKET	M	YES	YES	YES	0.016	YES
JAPAN MADE	PX	Y	NO	NO	NO	0.016	NO
	AUSTRALIA	X	NO	NO	NO	0.016	NO
JAPAN MADE	GENERAL MARKET	M	YES	YES	YES	0.016	YES

IC1 : LA1831-KEN
IC2 : LC7218
IC12 : NUM4565D
Q1 : 2SC2714(R,O)
Q2 : 2SC1845(F,E)
Q3 : 2SC2458(Y,GR) or 2SC3311A(Q,R)
or 2SC1740S(Q,R) or 2SC2785(F,E)
Q7,107-110 : 2SC2412K
Q11 : 2SD863(E,F)
Q102,104,111 : 2SA1037K
D3 : HZS5.1N(B2) or RD5.1ES(B2)
D4 : HZS3.3N(B2) or RD3.3ES(B2)
D7,111,112 : MA110
D8 : HSS104 or 1SS133
D11 : HZS8.2N(B2) or RD8.2ES(B2)

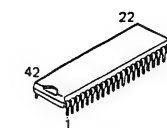


*S101
CH SPACE
EMPHASIS
75μS
100KHz(FM)
50KHz(FM)
10KHz(AM)
9KHz(AM)

NJM4580D-D
XRA15218-DX



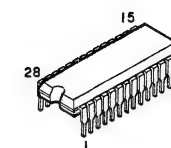
LA2785



UPC7812AHF



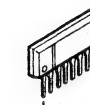
TC9164N



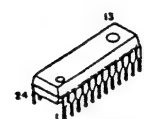
AN780575F
TA7812S



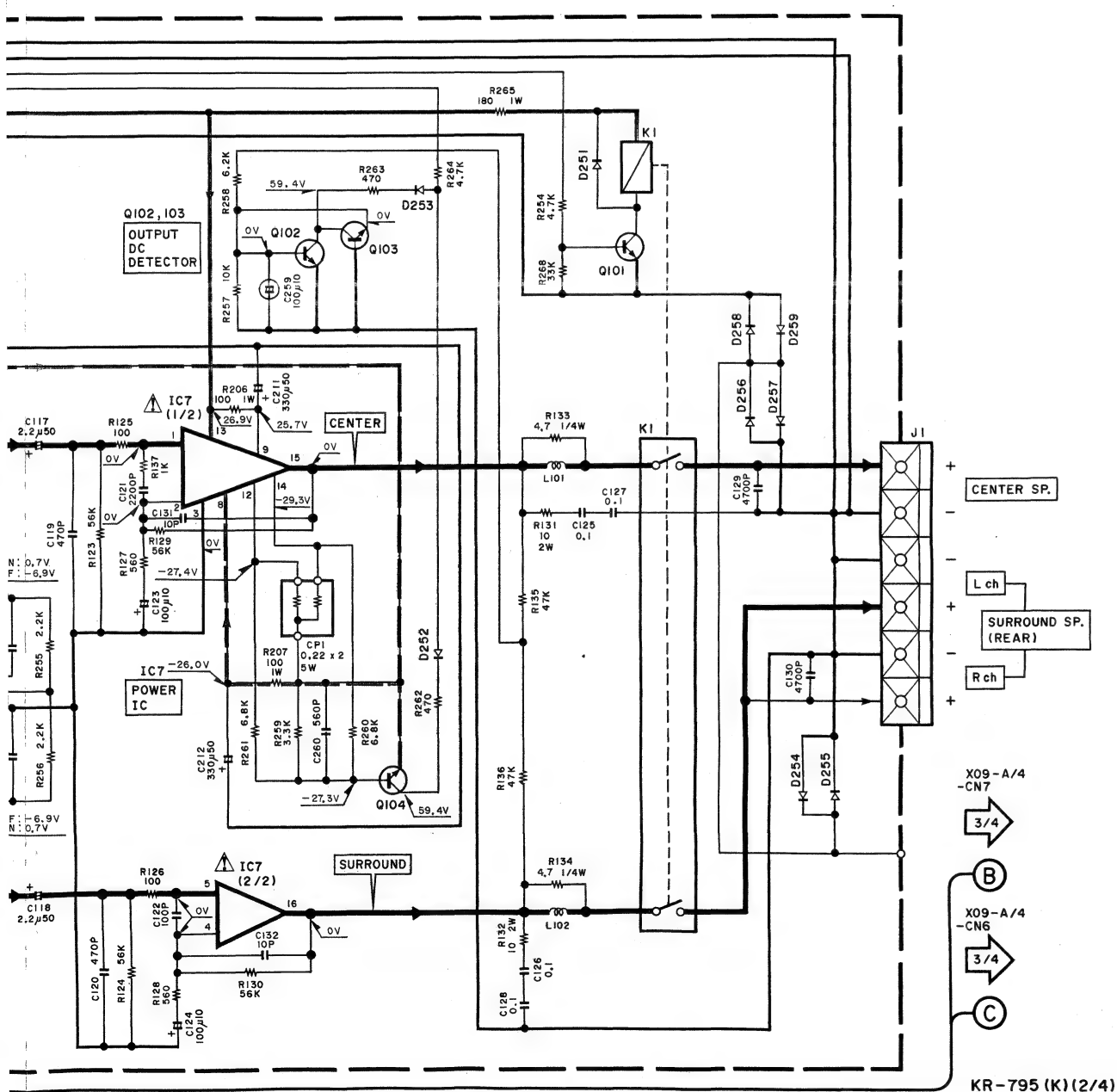
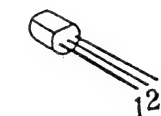
NJM4565L-D



LC7218
LV1010N



S-80740AL



KR-795 (K) (2/4)

CAUTION:

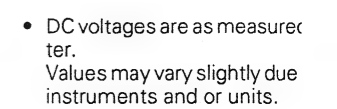
For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
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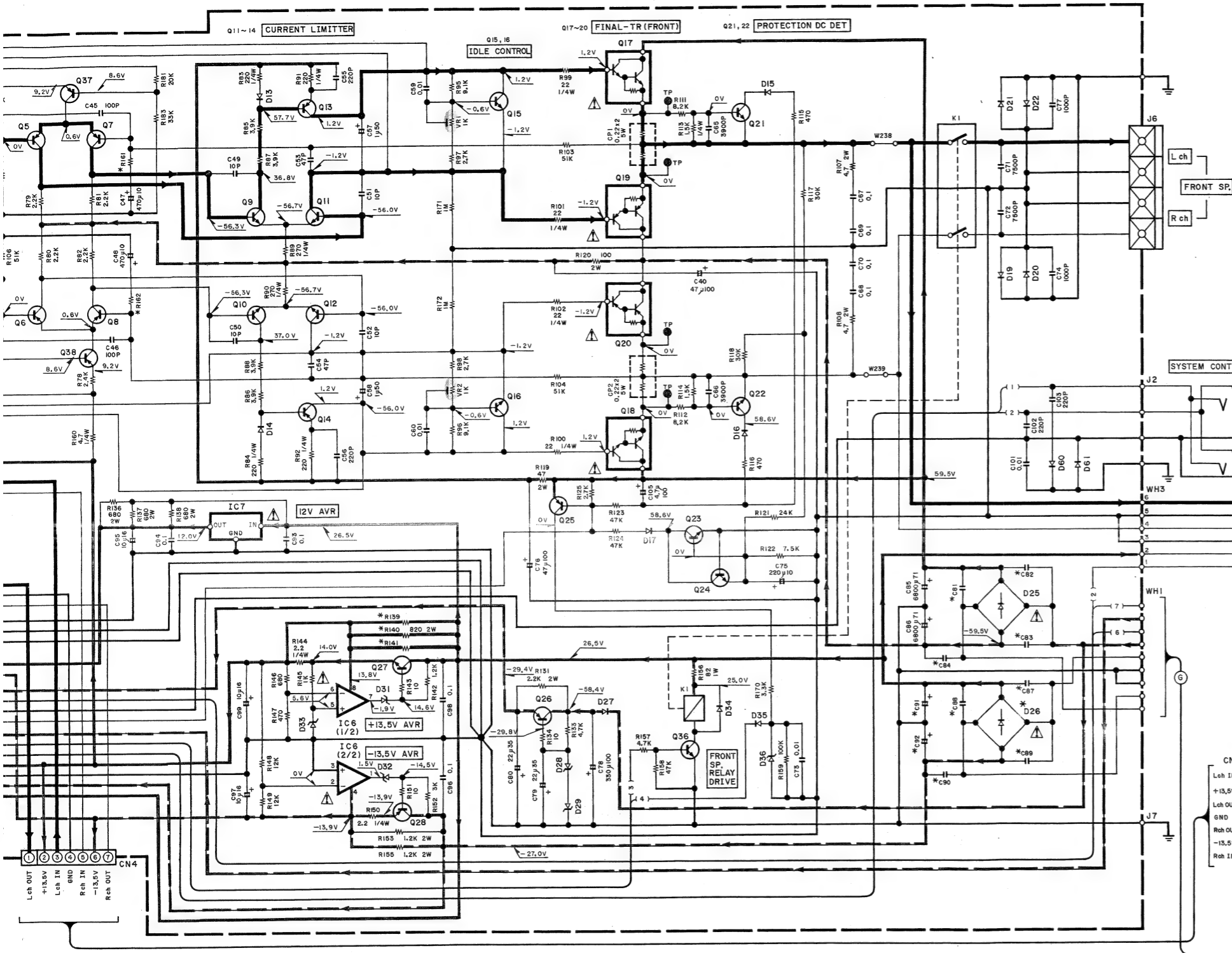
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Y05-2990-10

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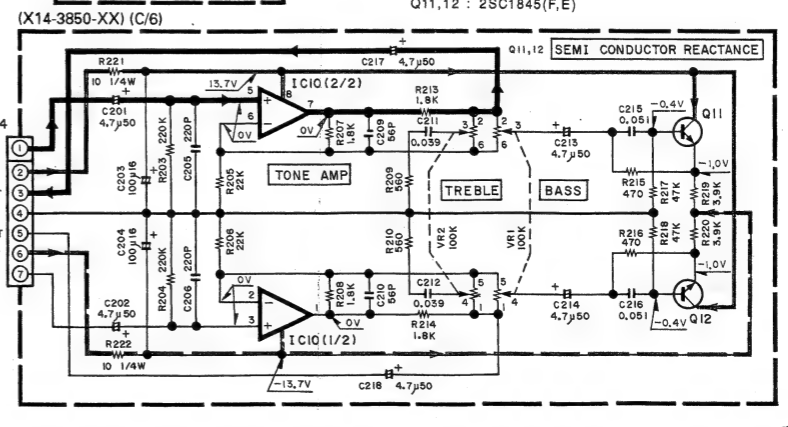
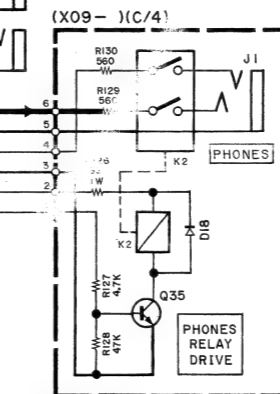




KR-595		DESTINATION	UNIT NAME	C81-84,87-90	R185	W236	C91,92	R139,141	R140	R161,162	R163-169	W173,174	D26	D51-Q29-58	Q29-34
PRODUCT P.	COUNTRY	ABB													
CHINA MADE	U.S.A.	K	X09-3950-11	CK45FE2H103P	YES	NO	1000μ35	1.2K 2W	NO	300	NO	YES	D3SBA20F03 or RBV-402LFA	NO	NO
	MEXICO	R													
	CANADA	P													
	AUSTRALIA	X	X09-3950-22	C91-1480-05	NO	YES									

KR-795		DESTINATION	UNIT NAME	C81-84,87-90	R185	W236	C91,92	R139,141	R140	R161,162	R163-169	W173,174	D26	D51-Q29-58	Q29-34
PRODUCT P.	COUNTRY	ABB													
CHINA MADE	U.S.A.	K	X09-3950-10	CK45FE2H103P	YES	NO									
	MEXICO	R													
	CANADA	P													
	GENERAL MARKET	M					3300μ35	820 2W	YES	220	YES	NO	D5SBA20F03 or RBV-402LFA	YES	YES
JAPAN MADE	AUSTRALIA	X	X09-3950-21	C91-1480-05	NO	YES									
	PX	Y													
JAPAN MADE	GENERAL MARKET	M	X09-3950-23	C91-1480-05	NO	YES									

- D1-8,11-22,34,35,39-42,60-64 : HSS104A or 1SS131
D25 : D5SBA20F03 or RBV-602LFA
D26 : *
D27 : S5688B or 1SR139-100
D28,29 : HZS15N(B) or RD15ES(B)
D30 : HZS6.2N(B2) or RD6.2ES(B2)
D31,32 : HZS16N(B2) or RD16ES(B2)
D33 : HZS5.6N(B2) or RD5.6ES(B2)
D36 : HZS4.7N(B2) or RD4.7ES(B2)
D43-46 : HZS22N(B2) or RD22ES(B2)
D47-50 : HZS24N(B2) or RD24ES(B2)
D51-54 : HZS18N(B2) or RD18ES(B2)
D55-58 : HZS20N(B2) or RD20ES(B2)
- IC1,3,5 : NJM4565D-D or XRA15218-DX
IC2 : TC9164N
IC4 : TC9213P
IC6 : NJM4580D-D
IC7 : TA7812S or μPC7812AHF
- Q1,2 : 2SC2878(A)
Q3,34,37,38 : 2SA1048(Y,GR) or 2SA1309A(Q,R)
Q5-8,31,32 : 2SA992(F,E)
Q9-12 : 2SC2632(R,S)
Q13,14,25 : 2SA1123(R,S)
Q15,16 : 2SC4137F19(V,W)
Q17,18 : 2SD2228T
Q19,20 : 2SB1470BT
Q21,22 : 2SC2631(R,S)
Q23,24,35,36 : 2SC2003(L,K)
Q26,28 : 2SB1370 or 2SB1375
Q27 : 2SD2012 or 2SD2061
Q29,30 : 2SC1845(F,E)
Q33 : 2SC2458(Y,GR) or 2SC3311A(Q,R)



- X14-A/6 -CN3 4/4
D
X14-A/6 -CN2 4/4
E
X14-A/6 -CN1 4/4
F
X09-B/4 -WH1 4/4
G
X14-D/6 -WH2 4/4
H

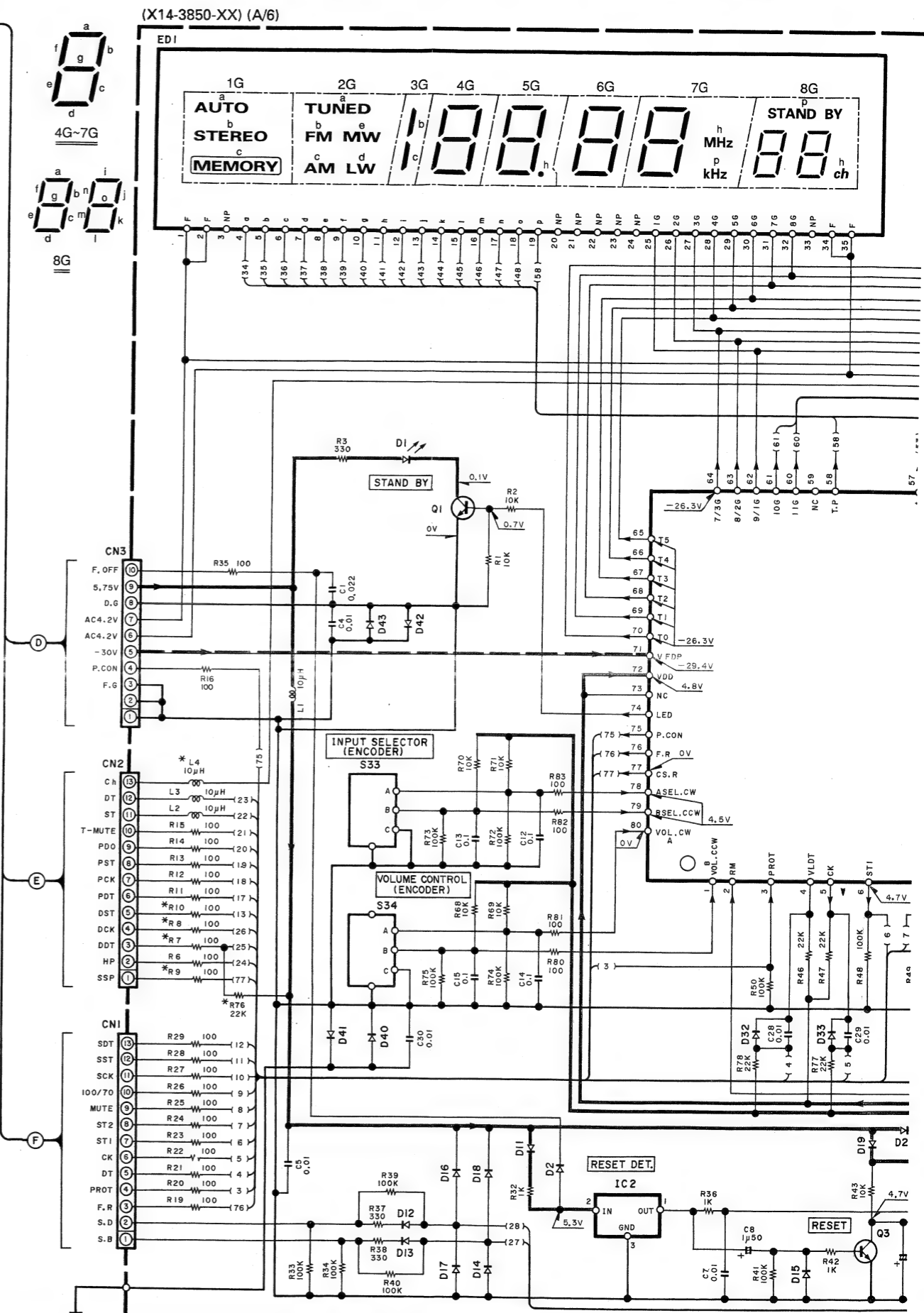
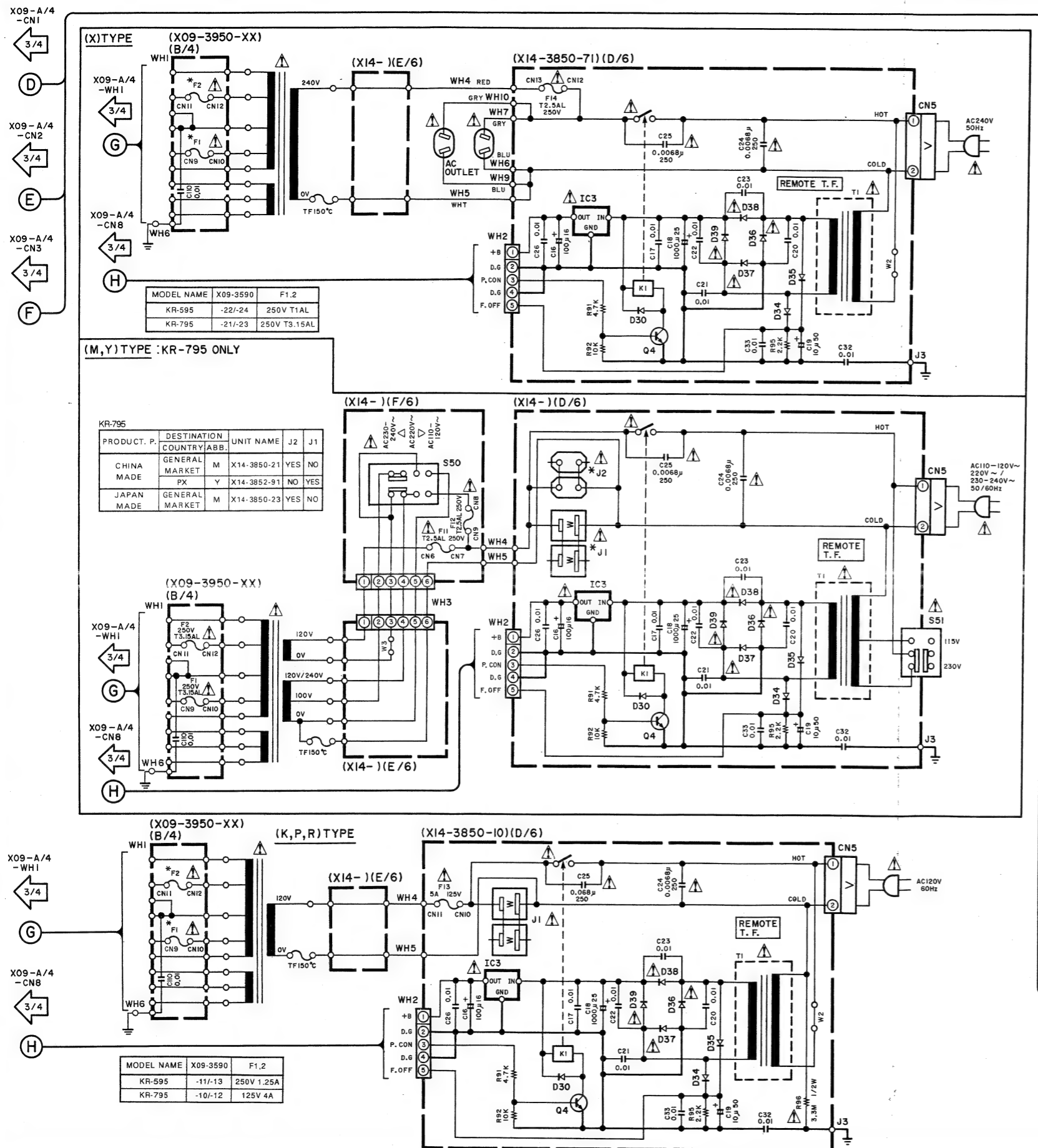
KR-595/795(K) (3/4)

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△ Indicates safety critical components.
To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

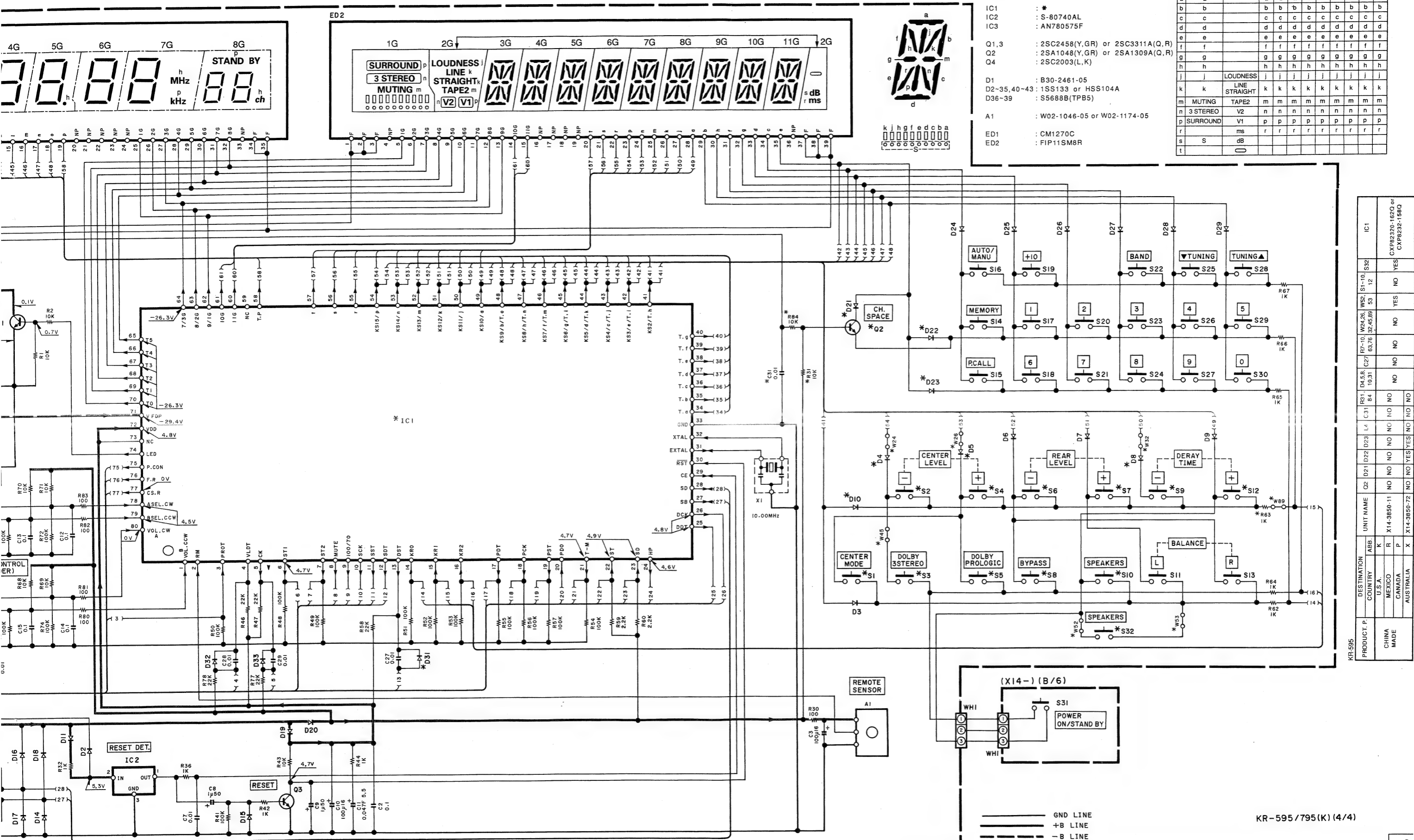
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Y05-2990-10

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CAUTION:
For continued
△ Indicates s
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insulated from

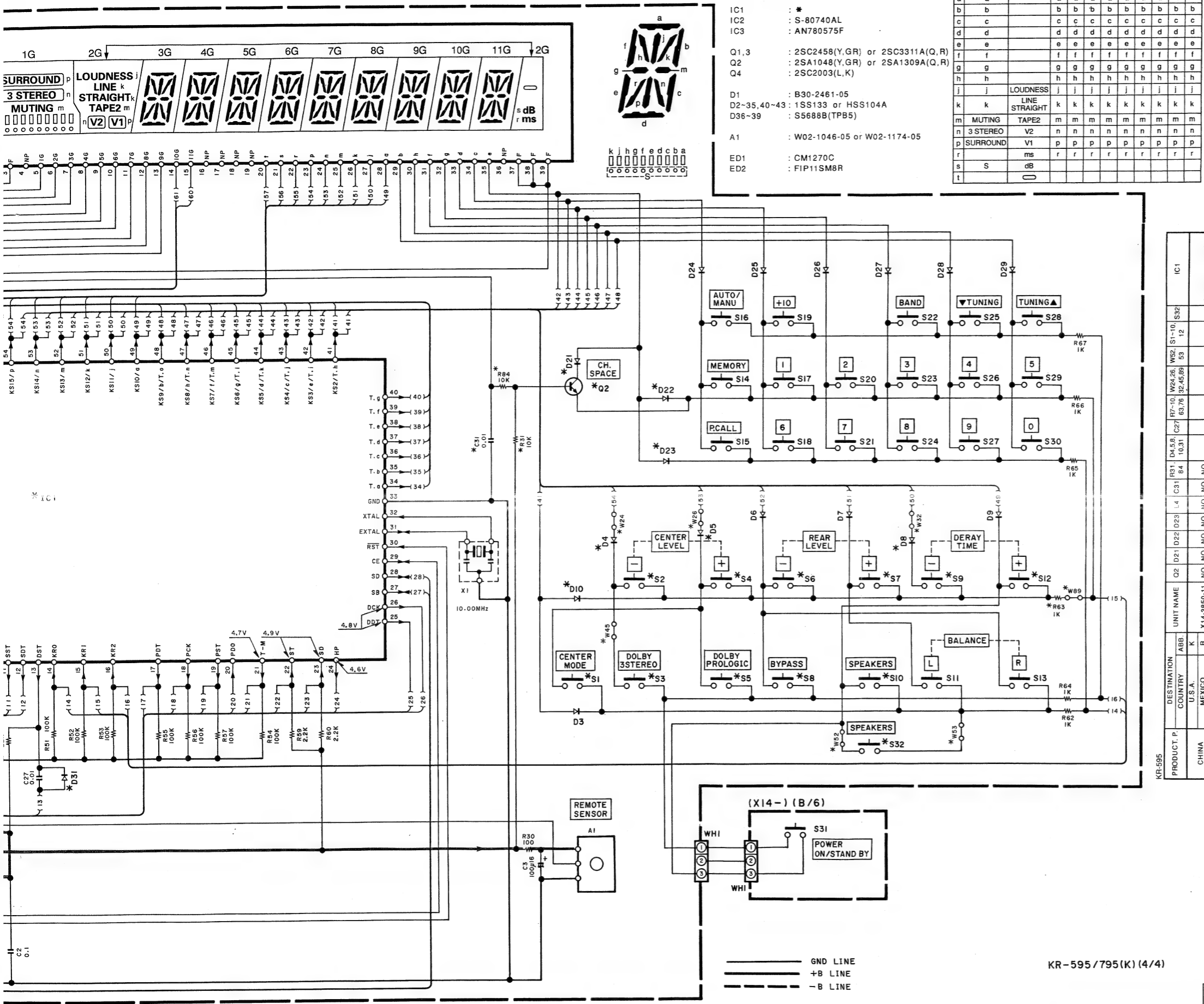
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KR-595/795(K) (4/4)

Y05-2990-10



PRODUCT P.	DESTINATION	UNIT NAME	Q2	D21	D22	D23	L4	C31	D4,5,8	C27	R7-10	W24,26	W52	S1-10	S32	IC1
CHINA MADE	U.S.A.	K	X14-3850-11	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES
	MEXICO	K	X14-3850-11	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES
	CANADA	P	X14-3850-11	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES
	AUSTRALIA	X	X14-3850-72	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	YES	NO	YES

PRODUCT P.	DESTINATION	UNIT NAME	Q2	D21	D22	D23	L4	C31	D4,5,8	C27	R7-10	W24,26	W52	S1-10	S32	IC1
CHINA MADE	U.S.A.	K	X14-3850-10	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES
	MEXICO	K	X14-3850-10	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES
	CANADA	P	X14-3850-10	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES
	GENERAL MARKET	M	X14-3850-21	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	GENERAL MARKET	M	X14-3850-21	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	AUSTRALIA	X	X14-3850-71	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	YES	NO	YES
	AUSTRALIA	X	X14-3852-91	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	GENERAL MARKET	M	X14-3850-23	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

Use safety critical components only with manufacturer's recommended parts (refer to parts list).
components.
ic shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably
circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter.
Values may vary slightly due to variations between individual instruments and or units.

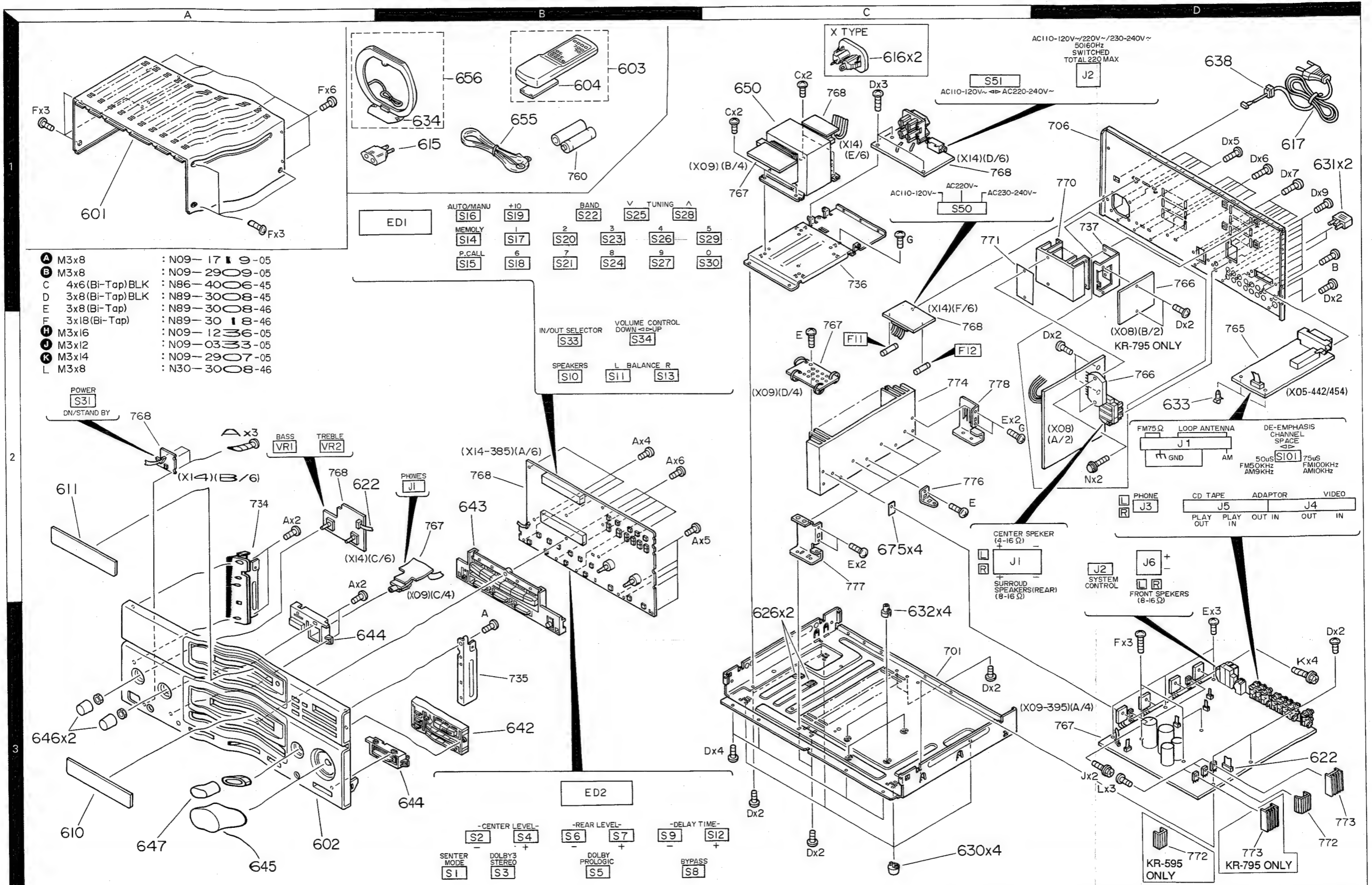
KR-595/795(K) (4/4)

Y05-2990-10

KR-595/795

KENWOOD

KR-595/795 KR-595/795
EXPLODED VIEW



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1

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
KR-595/795					
601	1A	A01-3107-21	METALLIC CABINET		
602	3A	A60-0688-01	PANEL	(795)	
603	3A	A60-0689-01	PANEL	(595)	
603	1B	A70-0374-05	REMOTE CONTROLLER ASSY	(795)	
603	1B	A70-0975-05	REMOTE CONTROLLER ASSY	(595)	
604	1B	A09-0170-08	BATTERY COVER		
610	3A	B03-2942-03	DRESSING PLATE	H J	
610	3A	B03-2943-03	DRESSING PLATE	H J	
611	2A	B03-2895-23	DRESSING PLATE	H J	
611	2A	B03-2902-03	DRESSING PLATE		
-		B46-0092-43	WARRANTY CARD	XY	
-		B46-0096-53	WARRANTY CARD	X	
-		B46-0121-33	WARRANTY CARD	P	
-		B58-0513-04	CAUTION CARD (PRESET220-240)	KRY	
-		B58-0964-13	CAUTION CARD (UL)	PX	
-		B58-0965-13	CAUTION CARD		
-		B58-0966-13	CAUTION CARD	M	
-		B58-0970-13	CAUTION CARD	R	
-		B59-1104-00	SERVICE DIRECTORY	Y	
-		B60-1963-00	INSTRUCTION MANUAL(ENGLISH)		
-		B60-1964-00	INSTRUCTION MANUAL(FRENCH)	P	
-		B60-1965-00	INSTRUCTION MANUAL(CHI)	M	
-		B60-1966-00	INSTRUCTION MANUAL(SPANISH)	RM	
-		B60-2092-00	INSTRUCTION MANUAL(TIWA)	M	
615	1B	B03-0115-05	AC PLUG ADAPTER	M	
616	1C	B03-0141-05	AC OUTLET	X	
617	1D	B30-2592-15	AC POWER CORD	M	
617	1D	B30-2787-05	AC POWER CORD	KRP	
617	1D	B30-2788-05	AC POWER CORD	M	
617	1D	B30-2789-05	AC POWER CORD	Y	
617	1D	B30-2790-05	AC POWER CORD	X	
622	2A, 3D	B35-0765-05	FLAT CABLE		
-		G11-2221-04	CUSHION		
-		H10-5698-02	POLYSTYRENE FOAMED FIXTURE	H	
-		H10-5699-02	POLYSTYRENE FOAMED FIXTURE	H	
-		H10-5726-02	POLYSTYRENE FOAMED FIXTURE	H	
-		H10-5727-02	POLYSTYRENE FOAMED FIXTURE	H	
-		H13-0153-04	CARTON BOARD	X	
-		H13-0188-04	CARTON BOARD		
-		H25-0232-04	PROTECTION BAG (235X350X0.03)	X	
-		H25-1517-04	PROTECTION BAG		
-		H50-1368-04	ITEM CARTON CASE	KRPYX	
-		H50-1369-04	ITEM CARTON CASE	M	
-		H50-1370-04	ITEM CARTON CASE	KRPX	
-		H50-1398-04	ITEM CARTON CASE	M	
630	3C	J02-0366-15	FOOT		
631	1D	J12-0091-15	PLYN		
632	3C	J19-3609-04	UNIT HOLDER	J	
632	3C	J19-3609-04	UNIT HOLDER		
633	2D	J19-3609-04	UNIT HOLDER		
633	2D	J19-3642-05	UNIT HOLDER		

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3

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
C114		CK73FB1H681K	CHIP C		
C115,116		CK73FSL1H101J	CHIP C		
C121,122		CE04LW1C470M	ELECTRØ		
C135,136		C92FV1H682J	MYLAR		
C162		CK73FSL1H150J	CHIP C		
J1	2D	E70-0051-05	LOCK TERMINAL BOARD		
J2		F10-0920-14	SHIELDING PLATE		
CF1, 2		L72-0531-05	CERAMIC FILTER		
CF3		L30-0467-05	CERAMIC FILTER		
L7		L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L10		L40-1021-14	SMALL FIXED INDUCTOR(1.0MH,K)		
L12		L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L103		L39-1328-05	COMBINATION COIL		
L106		L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
X1		L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)		
X2		L78-0295-05	RESONATOR (456KHZ)		
R11		RS14KB3A820J	FL-PROOF RS		
R31		RS14KB3D221J	FL-PROOF RS		
R42		RD14NB2E101J	RD		
R111		RD14NB2E101J	RD		
R127, 128		RD14NB2E101J	RD		
W46		R92-0670-05	CHIP R		
W48		R92-0670-05	CHIP R		
S101	2D	S62-0034-05	SLIDE SWITCH		
D3		H255-1K(B2)	ZENER DIODE		
D3		R05-1ES(B2)	ZENER DIODE		
D4		H253-3M(B2)	ZENER DIODE		
D4		R03-3ES(B2)	ZENER DIODE		
D7		MA110	DIODE		
D8		HSS104	DIODE		
D8		1SS133	DIODE		
D11		H258-2N(B2)	ZENER DIODE		
D11		R06-2ES(B2)	ZENER DIODE		
D11, 112		MA110	DIODE		
IC1		LA1831A-KEN	ANALOGUE IC		
IC2		LC7218	IC(PLL SYNTHESIZER)		
IC12		NJM45650	IC(OP AMP X2)		
Q1		2SC2714(R,Ø)	TRANSISTØR		
Q2		2SC1845(F,E)	TRANSISTØR		
Q3		2SC1740S(G,R)	TRANSISTØR		
Q3		2SC2458(Y,GR)	TRANSISTØR		
Q3		2SC2785(F,E)	TRANSISTØR		
Q3		2SC3311A(G,R)	TRANSISTØR		
Q7		2SC2412K	TRANSISTØR		
Q11		2SD863(B,F)	TRANSISTØR		
Q102		2SA1037K	TRANSISTØR		
Q104		2SA1037K	TRANSISTØR		
Q107-110		2SC2412K	TRANSISTØR		
Q109, 110		2SC2412K	TRANSISTØR		
Q109, 110		2SC2412K	TRANSISTØR		
Q111		2SA1037K	TRANSISTØR		

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2

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
638	1D	J42-0083-05	POWER CORD BUSHING		
-		J61-0307-05	WIRE BAND		
642		K29-6066-02	KNØB (BAND/TUNING/10 KEY)	(595)	
643		K29-5862-12	KNØB (CENTER/REAR LEVEL)(795)	(795)	
643		K29-6089-02	KNØB (BALANCE/POWER/PHONES)	(795)	
644		K29-5863-23	KNØB (VOLUME CONTROL)	(595)	
646		K29-5864-04	KNØB (BASS/TREBLE)	(595)	
647		K29-5865-14	KNØB (INPUT SELECTER)	(795)	
650	1C	L07-0880-05	POWER TRANSFORMER	(795)	
650	1C	L07-0881-05	POWER TRANSFORMER	(795)	
650	1C	L07-0882-05	POWER TRANSFORMER	(795)	
650	1C	L07-0883-15	POWER TRANSFORMER	(795)	
650	1C	L07-0885-05	POWER TRANSFORMER	(795)	
650	1C	L07-0970-05	POWER TRANSFORMER	(595)	
655	1B	T90-0182-15	LEAD WIRE ANTENNA		
656	1B	T90-0195-05	LEAD WIRE ANTENNA		
TUNER UNIT : X05-4420-XX (JAPAN MADE) , X05-4540-XX (CHINA MADE)					
C1, 2		CK73FB1H103K	CHIP C		
C4		CE04LW1A470M	ELECTRØ		
C5		CK73FB1H103K	CHIP C		
C8		CK73FB1H103K	CHIP C		
C10		CK73FB1H103K	CHIP C		
C11		CE04LW1H4R7M	ELECTRØ		
C13		CE04LW1H010M	ELECTRØ		
C14		CE04LW1H2R2M	ELECTRØ		
C21, 22		C492FV1H163J	MYLAR		
C21, 22		C492FV1H245J	MYLAR		
C23		CE04LW1H010M	ELECTRØ		
C24		CE04LW1H3R3M	ELECTRØ		
C25		CE04LW1V100M	ELECTRØ		
C27		CK73FB1E473K	CHIP C		
C28		CE04LW1V100M	ELECTRØ		
C31		CE04LW1A470M	ELECTRØ		
C32		CK73FB1H103K	CHIP C		
C33		CC73FCH1H270J	CHIP C		
C34		CK73FCH1H220J	CHIP C		
C35 -36		CK73FB1H471K	CHIP C		
C39		CE04LW1C470M	ELECTRØ		
C40		CK73FB1H223K	CHIP C		
C43		CE04LW1H010M	ELECTRØ		
C52, 43		CK73FB1H103K	CHIP C		
C50		C91-0769-05	CERAMIC		
C51		CE04LW1H010M	ELECTRØ		
C52		CE04LW1C470M	ELECTRØ		
C57		CC73FSL1H220J	CHIP C		
C55		CE04LW1H010M	ELECTRØ		
C66		CK73FB1H102K	CHIP C		
C71		CE04LW1V100M	ELECTRØ		
C72		CE04LW1C470M	ELECTRØ		
C103-106		CE04LW1H47M	CHIP C		
C107		CK73FB1E473K	CHIP C		
C112		CC73FSL1H101J	CHIP C		

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4

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
DT1		W02-1167-05	FM FRONT-END ASSY		
SUPRNOON UNIT : X08-2630-XX (KR-795 ONLY)					
C1, 2		CE04LW1H010M	ELECTRØ		
C3, 4		CE04LW1V100M	ELECTRØ		
C5 -6		CF92FV1H104J	MF		
C102		CF92FV1H394J	MF		
C104-106		CE04LW1H010M	ELECTRØ		
C107-114		CE04LW1V4R7M	ELECTRØ		
C117, 118		CE04LW1H2R2M	ELECTRØ		
C119, 120		CK45FB1H471K	CERAMIC		
C121		CK45FB1H222K	CERAMIC		
C122		CC45FSL1H101J	CERAMIC		
C123, 124		CE04LW1A101M	ELECTRØ		
C125-128		CF92FV1H104J	MF		
C129, 130		CF92FV1H472J	MF		
C131, 132		CC45FSL1H100D	CERAMIC		
C151		CF92FV1H223J	MF		
C152		C92FV1H473J	MYLAR		
C153-156		CE04LW1V100M	ELECTRØ		
C157		CE04LW1HR47M	ELECTRØ		
C158		CE04LW1H47M	ELECTRØ		
C159		CE04LW1HR47M	ELECTRØ		
C160		CE04LW1V4R7M	ELECTRØ		
C161		CF92FV1H154J	MF		
C162		CE04LW1H3R3M	ELECTRØ		
C163, 164		CF92FV1H154J	MF		
C165		CE04LW1H3R3M	ELECTRØ		
C166		CF92FV1H154J	MF		
C167		CE04LW1V4R7M	ELECTRØ		
C168		CE04LW1HR47M	ELECTRØ		
C169		CE04LW1V4R7M	ELECTRØ		
C170		CE04LW1HR47M	ELECTRØ		
C171		CE04LW1C470M	ELECTRØ		
C172		CF92FV1H474J	MF		
C173		CK45FB1H681K	CERAMIC		
C174		CE04LW1H2R2M	ELECTRØ		
C175		CE04LW1V100M	ELECTRØ		
C201		CF92FV1H105J	MF		
C176		CF92FV1H333J	MF		
C177		CF92FV1H152J	MF		
C178		CF92FV1H333J	MF		
C179		CF92FV1H333J	MF		
C203		CE04LW1V100M	ELECTRØ		
C204		CF92FV1H104J	MF		
C205, 206		CE04LW1C101M	ELECTRØ		
C207, 208		CE04LW1E470M	ELECTRØ		
C211, 212		CE04LW1C221M	ELECTRØ		
C213, 214		CE04LW1H331M	ELECTRØ		
C215, 216		CE04LW1C221M	ELECTRØ		
C251		C91-0757-05	CERAMIC		
C252, 253		C91-0749-05	CERAMIC		
C254		C91-0753-05	CHIP C		
C255		C91-0757-05	CERAMIC		
C256		C91-0753-05	CHIP C		

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KR-595/795

PARTS LIST

KR-595/795

PARTS LIST

PARTS LIST

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6

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
C49-52		C045FSL1H100D	CERAMIC	
C53-54		C045FSL1H470J	CERAMIC	
C55-56		C045FSL1H221J	CERAMIC	
C57-58		C045FSL1H010M	ELECTR0	50W
C59-60		C045FSL1H103Z	CERAMIC	0.010UF Z
C61		C045FSL1H471K	CERAMIC	470PF K
C62-63		C91-0753-05	CHIP C	470PF K
C64		C040LW1C470M	ELECTR0	470UF 16W
C65-66		C92F2M1H392J	MYLAR	3900PF J
C67-70		C92F2M1H104J	MF	0.10UF J
C71-72		C92F2M1H752J	MYLAR	7500PF J
C73		C045FSL1H103Z	CERAMIC	0.010UF Z
C74		C045FSL1H102K	CERAMIC	1000PF K
C75		C040LW1A221M	ELECTR0	220UF 10W
C76		C040LW2A470M	ELECTR0	47UF 100W
C77		C045FSL1H102K	CERAMIC	1000PF K
C78		C040LW2A331M	ELECTR0	330UF 100W
C79-80		C040LW1V220M	ELECTR0	22UF 35W
C81-84		C045FSL1H103P	CERAMIC	0.010UF P
C85-86		C91-1480-05	MP	0.22UF 250W
C87-90		C90-3579-05	ELECTR0	4700UF 71W
C87-90		C045FSL1H103P	CERAMIC	0.010UF P
C91-92		C91-1480-05	MP	0.22UF 250W
C91-92		C040LW1V102M	ELECTR0	1000UF 35W
C91-92		C040LW1V332M	ELECTR0	3300UF 35W
C93-94		C92F2M1H104J	MYLAR	0.10UF J
C95		C040LW1C100M	ELECTR0	10UF 16W
C96		C92F2M1H104J	MYLAR	0.10UF J
C97		C040LW1C100M	ELECTR0	10UF 16W
C98		C92F2M1H104J	MYLAR	0.10UF J
C99		C040LW1C100M	ELECTR0	10UF 16W
C100-101		C045FSL1H103Z	CERAMIC	0.010UF Z
C102-103		C045FSL1H221J	CERAMIC	220PF J
C104		C040LW1A101M	ELECTR0	100UF 10W
C105		C040LW2A470M	ELECTR0	4.7UF 100W
C106		C045FSL1H103Z	CERAMIC	0.010UF Z
C110		C045FSL1H103Z	CERAMIC	0.010UF Z
J1		E11-0207-05	PHONE JACK (3P)	
J2		E11-0188-05	MINIATURE PHONE JACK(2P)	
J3		E63-0068-15	PHONE JACK	
J4		E63-0133-05	PHONE JACK	
J4		E63-0047-15	PHONE JACK	
J4		E63-0139-05	PHONE JACK	
J5		E63-0070-15	PHONE JACK	
J6		E63-0141-05	PHONE JACK	
J6		E70-8045-05	LOCK TERMINAL BOARD	
J6		E70-0053-05	LOCK TERMINAL BOARD	
675	2C	F20-1284-05	INSULATING BOARD	
F1-2		F05-3121-05	FUSE (SEMKO) (250V T3.15AL)	YHX
F1-2		F05-4028-05	FUSE (UL) (125V 4A)	KRP
F1-2		F06-1022-05	FUSE (SEMKO) (250V TIAL)	X
F1-2		F06-1222-05	FUSE (UL) (250V 1.25A)	KRP
CN9-12		J13-0075-05	FUSE CLIP	

H : CHINA MADE S : KR-595
J : JAPAN MADE 7 : KR-795
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5

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C257-258		C045FSL1H103Z	CERAMIC	
C259		C040LW1A101M	NP-ELEC	10W
C260		C045FSL1H561K	CERAMIC	560PF K
J1	2C	E70-0046-05	LOCK TERMINAL BOARD	
L101-102		L39-0085-05	PHASE COMPENSATION COIL	
X1		L78-0290-05	RESONATOR (8MHZ)	
CP1		R90-0826-05	MULTI-COMP	0.22X2 J 5W
R131-132		R514KB3D100J	FL-PROOF RS	J 2W
R133-134		R14NB2E4R7J	RD	4.7 J 1/4W
R206-207		R514KB3A101J	FL-PROOF RS	J 1W
R265		R514KB3A181J	FL-PROOF RS	J 1W
R267		RN14BK2C3902F	RN	39.0K F 1/6W
K1		S76-0036-05	MAGNETIC RELAY	
D201		HZS10N(B)	ZENER DIODE	
D201		RD10ES(B)	ZENER DIODE	
D251-259		HSS104A	DIODE	
D251-259		ISS131	DIODE	
IC1		LA2785	IC(DOLBY PRO LOGIC DECODER IC)	
IC2		LV1010N	DI BI-POLAR IC	
IC3		NJM4565L-D	IC(OP AMP X2)	
IC4		TC9213P	IC(2CH ELECTRONIC VOLUME)	
IC5		NJM4565L-D	IC(OP AMP X2)	
IC6		TC9215P	IC(ANALOG SWITCH X 6)	
IC7		STK401-051	IC(30W AF POWER AMP)	
q1-2		2SC2878(B)	TRANSISTOR	
q101-103		2SC2003(L,K)	TRANSISTOR	
q104		2SC1845(F,E)	TRANSISTOR	
q201		2SD2012	TRANSISTOR	
q201		2SD2061(E,F)	TRANSISTOR	
AUDIO UNIT : X09-3950-XX				
C1-2		C045FSL1H221J	CERAMIC	220PF J
C3-4		C040LW1A101M	ELECTR0	10W
C5-6		C092F2M1H103J	MYLAR	0.010UF J
C7-8		C092F2M1H332J	MYLAR	3300PF J
C9-10		C040LW1V470M	ELECTR0	4.7UF 35W
C11-12		C040LW1C470M	ELECTR0	47UF 16W
C13-14		C91-0737-05	CERAMIC	47PF J
C15-16		C040LW1V470M	ELECTR0	4.7UF 35W
C17-18		CC45FSL1H020C	CERAMIC	2.0PF C
C19-20		C040LW1V470M	ELECTR0	4.7UF 35W
C21-22		C045FSL1H103Z	CERAMIC	0.010UF Z
C23-24		C040LW1C101M	ELECTR0	100UF 16W
C25-30		C040LW1V470M	ELECTR0	4.7UF 35W
C31-33		C91-0753-05	CHIP C	470PF K
C34		C040LW1H470M	NP-ELEC	4.7UF 50W
C35-36		C040LW1C101M	ELECTR0	100UF 16W
C37-38		C040LW1V470M	ELECTR0	4.7UF 35W
C40		C040LW2A470M	ELECTR0	47UF 100W
C41-42		C92F2M1H823J	MYLAR	0.082UF J
C43-46		C045FSL1H101J	CERAMIC	100PF J
C47-48		C040LW1A471M	ELECTR0	470UF 10W

L : Scandinavia K : USA P : Canada R : Mexico
Y : PX (Far East, Hawaii) T : England G : Germany
A indicates safety critical components.

PARTS LIST

* New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
D39 -42		1SS131	DIODE		
D43 -46		HZS22N(B2)	ZENER DIODE		
D43 -46		RD22ES(B2)	ZENER DIODE		
D47 -50		HZS24N(B2)	ZENER DIODE		
D47 -50		RD24ES(B2)	ZENER DIODE		
D51 -54		HZS18N(B2)	ZENER DIODE		7
D51 -54		RD18ES(B2)	ZENER DIODE		7
D55 -58		HZS20N(B2)	ZENER DIODE		7
D55 -58		RD20ES(B2)	ZENER DIODE		7
D60 -64		HSS104A	DIODE		
D60 -64		1SS131	DIODE		
IC1		NJM4565D-D	IC(OP AMP X2)		
IC1		XRA15218-DX	IC(OP AMP X2)		
IC2		TC9164N	IC(16CH BILATERAL SELECTOR SW)		
IC3		NJM4565D-D	IC(OP AMP X2)		
IC3		XRA15218-DX	IC(OP AMP X2)		
IC4		TC9213P	IC(2CH ELECTRONIC VOLUME)		
IC5		NJM4565D-D	IC(OP AMP X2)		
IC5		XRA15218-DX	IC(OP AMP X2)		
IC6		NJM4560D-D	IC(OP AMP X2)		
IC7		TA7812S	IC(VOLTAGE REGULATOR/ +12V)		
IC7		UPC7812AHF	IC(VOLTAGE REGULATOR/ +12V)		
Q1 , 2		2SC2878(B)	TRANSISTOR		
Q3		2SA1048(Y,GR)	TRANSISTOR		
Q3		2SA1309A(G,R)	TRANSISTOR		
Q5 -8		2SA992(F,E)	TRANSISTOR		
Q9 -12		2SC2632(R,S)	TRANSISTOR		
Q13 , 14		2SA1123(R,S)	TRANSISTOR		
Q15 , 16		2SC4137F19(V,W)	TRANSISTOR		
Q17 , 18		2SD2222BT	TRANSISTOR		
Q19 , 20		2SB1470BT	TRANSISTOR		
Q21 , 22		2SC2631(R,S)	TRANSISTOR		
Q23 , 24		2SC2003(L,R)	TRANSISTOR		
Q25		2SA1123(R,S)	TRANSISTOR		
Q26		2SB1370	TRANSISTOR		
Q26		2SB1375	TRANSISTOR		
Q27		2SD2012	TRANSISTOR		
Q27		2SD2061	TRANSISTOR		
Q28		2SB1370	TRANSISTOR		
Q28		2SB1375	TRANSISTOR		
Q29 , 30		2SC1845(F,E)	TRANSISTOR		7
Q31 , 32		2SA992(F,E)	TRANSISTOR		7
Q33		2SC2458(Y,GR)	TRANSISTOR		7
Q33		2SC3511A(G,R)	TRANSISTOR		7
Q34		2SA1048(Y,GR)	TRANSISTOR		7
Q34		2SA1309A(G,R)	TRANSISTOR		
Q35 , 36		2SC2003(L,K)	TRANSISTOR		7
Q37 , 38		2SA1048(Y,GR)	TRANSISTOR		
Q37 , 38		2SA1309A(G,R)	TRANSISTOR		
DISPLAY UNIT : X14-3850-XX					
D1		B30-2461-05	LED(RED)		
C1		CK45FF1H223Z	CERAMIC		
C2		CF92FV1H104J	MF		
C3		CB04LW1C101M	ELECTRO		

7 : KR-795

△ indicates safety critical components.

* New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

7

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
CP1 , 2		R90-0826-05	MULTI-COMP		
R17 , 18		RD14NB2E4R7J	RD	J 5W	
R51 , 52		RD14NB2E4R7J	RD	J 1/4W	
R83 , 84		RD14NB2E21J	RD	J 1/4W	
R89 , 90		RD14NB2E21J	RD	J 1/4W	
R91 , 92		RD14NB2E21J	RD	J 1/4W	
R99 -102		RD14NB2E20J	RD	J 1/4W	
R107 , 108		RS14KB304R7J	FL-PROOF RS	J 2W	
R119		RS14KB30470J	FL-PROOF RS	J 2W	
R120		RS14KB30101J	FL-PROOF RS	J 2W	
R126		RS14KB3A820J	FL-PROOF RS	J 1W	
R129 , 130		RS14KB30561J	FL-PROOF RS	J 2W	
R131		RS14KB30222J	FL-PROOF RS	J 2W	
R135		RS14KB3A472J	FL-PROOF RS	J 1W	
R136 -138		RS14KB30681J	FL-PROOF RS	J 2W	
R139		RS14KB30122J	FL-PROOF RS	J 2W	5
R139 -141		RS14KB30821J	FL-PROOF RS	J 2W	7
R141		RS14KB30122J	FL-PROOF RS	J 2W	5
R144		RD14NB2E2R2J	RD	J 1/4W	
R150		RD14NB2E2R2J	RD	J 1/4W	
R153		RS14KB30122J	FL-PROOF RS	J 2W	
R155		RS14KB30122J	FL-PROOF RS	J 2W	
R156		RS14KB3A820J	FL-PROOF RS	J 1W	
R160		RD14NB2E4R7J	RD	J 1/4W	
R185		RD14GB2B1R0J	FL-PROOF RD	J 1/4W	KRP
VR1 , 2		R12-1616-05	TRIMMING POT.(1K 7b)		
K1		S51-2078-05	MAGNETIC RELAY		
K2		S76-0005-05	MAGNETIC RELAY		
D1 -8		HSS104A	DIODE		
D1 -8		1SS131	DIODE		
D11 -22		HSS104A	DIODE		
D11 -22		1SS131	DIODE		
D25		D5SBA20F03	DIODE		5
D25		RBV-602LFA	DIODE		5
D25 , 26		D5SBA20F03	DIODE		7
D25 , 26		RBV-602LFA	DIODE		7
D26		D3SBA20F03	DIODE		5
D26		RBV-402LFA	DIODE		5
D27		S5688B	DIODE		
D27		1SR139-100	DIODE		
D28 , 29		HZS18N(B)	ZENER DIODE		
D28 , 29		RD1585(B)	ZENER DIODE		
D30		HZS6-2N(B2)	ZENER DIODE		
D30		RD6-2ES(B2)	ZENER DIODE		
D31 , 32		HZS16N(B2)	ZENER DIODE		
D31 , 32		RD1685(B2)	ZENER DIODE		
D33		HZS5-6N(B2)	ZENER DIODE		
D33		RD5-6ES(B2)	ZENER DIODE		
D34 , 35		HSS104A	DIODE		
D34 , 35		1SS131	DIODE		
D36		HZS4-7N(B2)	ZENER DIODE		
D36		RD4-7ES(B2)	ZENER DIODE		
D39 -42		HSS104A	DIODE		

5 : KR-595
7 : KR-795

△ indicates safety critical components.

KR-595/795

PARTS LIST

UNIT No. LIST

KR-595

DESTINATION		TUNER UNIT	AUDIO UNIT	DISPLAY UNIT
CHINA MADE	K	X05-4540-01	X09-3950-11	X14-3850-11
	P	X05-4540-01	X09-3950-11	X14-3850-11
	X	X05-4540-71	X09-3950-22	X14-3850-72
	R	X05-4540-01	X09-3950-11	X14-3850-11

KR-795

DESTINATION		TUNER UNIT	SURROUND UNIT	AUDIO UNIT	DISPLAY UNIT
JAPAN MADE	M	X05-4420-21	X08-2630-11	X09-3950-23	X14-3850-23
CHINA MADE	K	X05-4540-10	X08-2630-10	X09-3950-10	X14-3850-10
	P	X05-4540-10	X08-2630-10	X09-3950-10	X14-3850-10
	Y	X05-4540-21	X08-2630-10	X09-3950-21	X14-3850-91
	M	X05-4540-21	X08-2630-10	X09-3950-21	X14-3850-21
	X	X05-4540-71	X08-2630-10	X09-3950-21	X14-3850-71
	R	X05-4540-10	X08-2630-10	X09-3950-10	X14-3850-10

SPECIFICATIONS

U.S.A., Mexico and Canada

Audio section

Rated power output at the STEREO operation

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 40 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion. (FTC)

Power output at the Surround operation (KR-795 only)

Front (1 kHz, 0.9% T.H.D. at 8 Ω) 70 W + 70 W
Center (1 kHz, 0.9% T.H.D. at 8 Ω) 30 W
Rear (1 kHz, 0.9% T.H.D. at 8 Ω) 15 W + 15 W

Total harmonic distortion (40 Hz ~ 20 kHz, 8 Ω)

..... 0.09 % at 100 W

Signal to noise ratio (IHF A)

PHONO (MM) 70 dB
CD, TAPE, VIDEO 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω
CD/TAPE/VIDEO 200 mV/47 k Ω

Tone controls

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz

Usable sensitivity (IHF) 13.2 dBf (1.2 μ V at 75 Ω)

50 dB quieting sensitivity

STEREO 41.2 dBf (3.2 μ V at 75 Ω)

Total harmonic distortion at 1 kHz

MONO 0.6 %
STEREO 0.7 %

Signal to noise ratio at 65 dBf (IHF)

MONO 75 dB
STEREO 68 dB

Selectivity (IHF ± 400 kHz) 50 dB

Stereo separation (IHF at 1 kHz) 40 dB

Frequency response 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

AM tuner section

Tuning frequency range 530 kHz ~ 1,700 kHz

Usable sensitivity 12 μ V/ (500 μ V/m)

Total harmonic distortion 0.7%

Signal to noise ratio 48 dB

Selectivity 30 dB

General

Power consumption 2.5 A (KR-795) 2.3 A (KR-595)

AC outlet

SWITCHED 2: (Total 200 W 1.6 A max.)

Dimensions W: 440 mm (17-5/16")

H: 192 mm (7-9/16")

D: 300 mm (11-13/16")

Weight (Net) 10.5 kg (23.1 lb)

Other countries

Audio section

Rated power output at the STEREO operation (KR-795)

(EIAJ) from 40 Hz to 20 kHz,

0.09% T.H.D., at 8 Ω 100 W + 100 W

(EIAJ) 1 kHz, 10% THD at 8 Ω 130 W + 130 W

Rated power output at the STEREO operation (KR-595)

(EIAJ) from 40 Hz to 20 kHz, 0.09% T.H.D. at 8 Ω

..... 100 W + 100 W

(EIAJ) 1 kHz, 10% T.H.D., at 8 Ω 125 W + 125 W

Power output at the Surround operation (KR-795 only)

Front (1 kHz, 0.9% T.H.D. at 8 Ω) 70 W + 70 W

Center (1 kHz, 0.9% T.H.D. at 8 Ω) 30 W

Rear (1 kHz, 0.9% T.H.D. at 8 Ω) 15 W + 15 W

Total harmonic distortion (40 Hz ~ 20 kHz, 8 Ω)

..... 0.09 % at 100 W

Signal to noise ratio (IHF'66)

PHONO (MM) 70 dB
CD, TAPE, VIDEO 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω
CD/TAPE/VIDEO 200 mV/47 k Ω

Tone controls

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz

Usable sensitivity (IHF) 13.2 dBf (1.2 μ V at 75 Ω)

50 dB quieting sensitivity

STEREO 41.2 dBf (3.2 μ V at 75 Ω)

Total harmonic distortion at 1 kHz

MONO 0.6 %
STEREO 0.7 %

Signal to noise ratio at 65 dBf (IHF)

MONO 75 dB
STEREO 68 dB

Selectivity (IHF ± 400 kHz) 50 dB

Stereo separation (IHF at 1 kHz) 40 dB

Frequency response 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

AM tuner section

Tuning frequency range

9 kHz 531 kHz ~ 1,602 kHz

10 kHz 530 kHz ~ 1,610 kHz

Usable sensitivity 12 μ V/ (500 μ V/m)

Total harmonic distortion 0.7%

Signal to noise ratio 48 dB

Selectivity 30 dB

General

Power consumption 230 W (KR-795) 200 W (KR-595)

AC outlet

SWITCHED 2: (Total 200 W max.)
(Except for Australia)

Dimensions W: 440 mm

H: 192 mm

D: 300 mm

Weight (net) 10.5 kg

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KR-595/795

ACCESSORIES

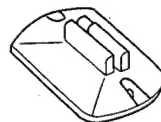
- Lead wire antenna 1
(T90-0182-15)



- AM loop antenna ass'y 1
(T90-0195-05)

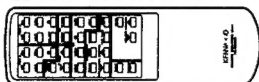


- Loop antenna stand
(J19-3645-05)



*The shape of the loop antenna provided
may differ depending on the area.*

- Remote controller ass'y 1
(A70-0975-05 : RC-S0501) **KR-595**
(A70-0974-05 : RC-S0800) **KR-795**



Battery cover
(A09-0170-08)

- Batteries 2



- AC plug adaptor 1
(E30-0115-05 : M type only)



*Except for the U.S.A., Mexico,
Canada, Australia and U.S. Military.*

Note :

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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